

DRUG & CHEMICAL MARKETS

Established 1914

A Weekly Business Paper and Prices Current on
Chemicals, Drugs, Colors, and Aromatics

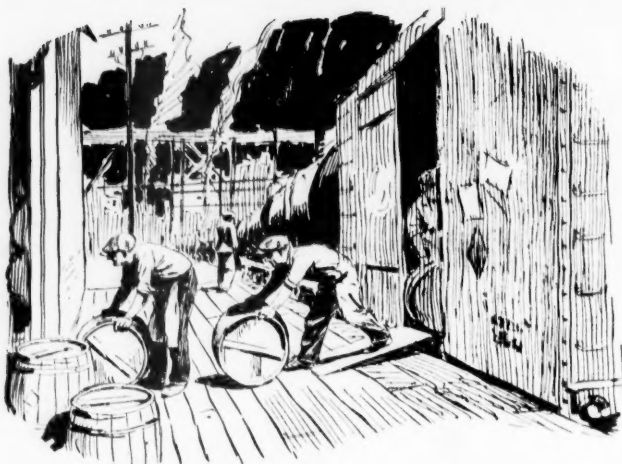
VOL. XVIII

NEW YORK, APRIL 29, 1926

No. 17



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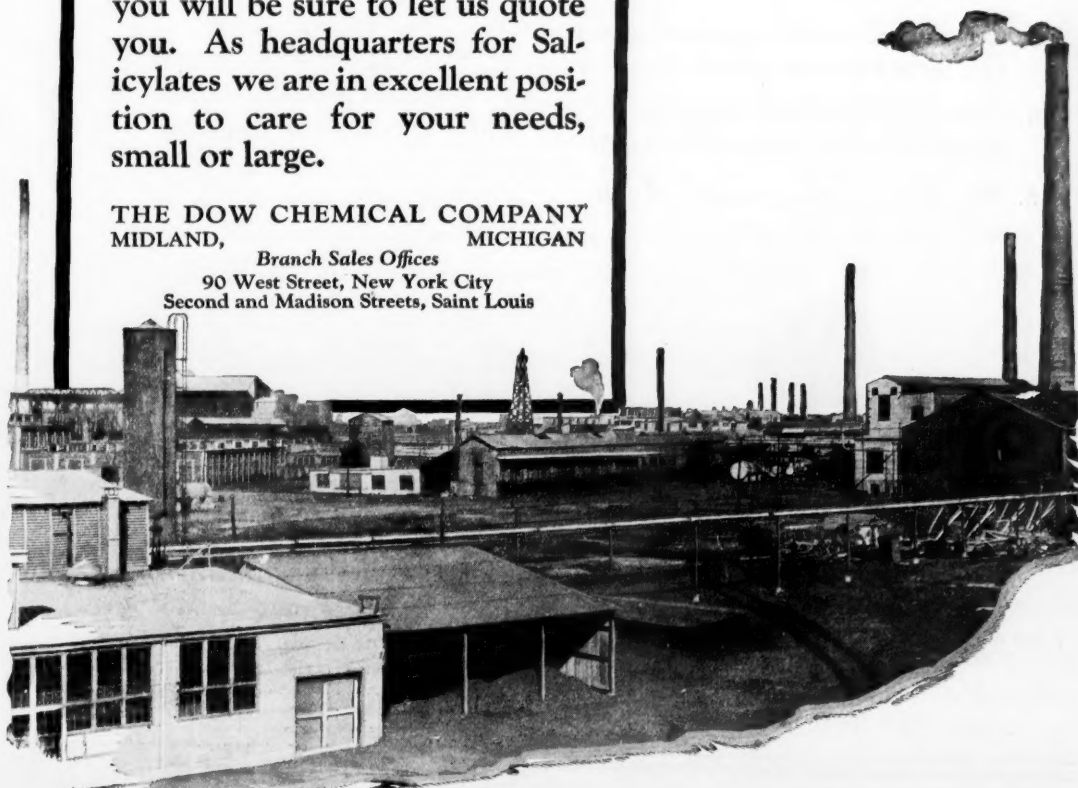
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DRUG & CHEMICAL MARKETS

(Title and style registered U. S. Patent Office)

PUBLISHED EVERY THURSDAY
 AT 25 SPRUCE STREET, NEW YORK CITY
 BY DRUG & CHEMICAL MARKETS, INC.
 WILLIAMS HAYNES, PRESIDENT AND PUBLISHER
 F. F. BURGIN, SECRETARY D. O. HAYNES, JR., TREASURER
 TELEPHONE, BEEKMAN 6677 CABLE, CHEMMARKET

Entered as second-class matter, Dec. 7, 1914, at the post office at New York, N. Y., under the Act of March 3, 1879.

SUBSCRIPTION RATES: United States, Cuba and Mexico, \$4.00 a year; Foreign \$5.00 a year, in advance. Current copies, 15 cents. Back copies 25 cents. A Binder for this paper @ \$1.00 Postpaid.

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DRUG & CHEMICAL MARKETS

VOL XVIII

NEW YORK, APRIL 29, 1926

No. 17

Serving One Master Better

YOUR business interests in the chemical and drug industries have been served during the past eleven years by the news and market service of DRUG & CHEMICAL MARKETS. It has been a strenuous and eventful decade. The greatest war of History has been fought, with an unprecedented upheaval of economic conditions. Three times the price structure of our chemical and drug markets has been reconstructed. New consuming channels have been dug. Science in our fields has made more progress than in the whole century previous, and there is more revolutionary progress to come soon. It has also been a decade of tremendous expansion. The sales of our chemical industry have grown from 158 millions of dollars in 1914 to 403 millions in 1924. Our drug manufacturers have increased the sale of their medicinal, toilet, and flavoring preparations from 103 millions to 210 millions.

WE have grown with our industries. Many of you remember our first issue—a little sixteen page pamphlet of prices current with four pages of news and no advertising. Steadily, the prestige has enhanced: every year (except the deflation period of 1920) the number of paid subscribers has increased. Never have we boosted circulation by cut prices, special offers, by wholesale purchase or combination. For six years this paper was published substantially in this form—a price bulletin without advertising. Five years ago the present management assumed control. The paper has grown to an average issue of 76 pages, each one containing more pages either of reading matter or of advertisements than the total

number of pages when we took it over. No paper in our field approaches any such record of progress.

THE time has come for further expansion. The chemical and drug industries—always quite distinct—have grown to a point where the interests of each can only be adequately served by a real business paper for each field. The coming decade will, we are confident, show a development as great as the past one, and it is our purpose to serve these greater needs by specializing DRUG & CHEMICAL MARKETS into CHEMICAL MARKETS and DRUG MARKETS.

IN the past we have initiated many changes in the business journalism of this field: in the future we intend to advance our leadership in service to our readers. The same plain maxims of publishing policy will guide us; We shall give, in very condensed form, prompt, accurate information, uncolored by bias. We shall not beg any question because it is controversial; but shall support vigorously whatever is for the best interests of the chemical and the drug industries. We shall sell advertising only to firms we can honestly commend to our business friends and charge only one price to all advertisers for equivalent space.

IT is proper to make here a full acknowledgement of the sense of responsibility which the confidence of our friends and customers in the chemical and drug industries places upon us. We are glad to accept this responsibility.

WHAT THE DYE CENSUS SHOWS

That the dyestuff industry of America staged a sharp increase in the volume of business transacted during 1925 is shown by the report of the Tariff Commission. Greater activity in the textile industry of this country and greater quantities of certain colors exported have brought about the recovery. The production for 1925 is exceeded only by 1920 and 1923, and the sales and value of the sales are exceeded only by 1923. Certainly it appears that the domestic dye industry is more firmly entrenched than ever before.

However there appear in the report one or two facts that are quite disappointing from the dye-maker's viewpoint. One of these facts is that although the tonnage of sales for 1925 showed a 22 per cent increase over the figures for 1924, the value of these sales showed only a 5 per cent increase. Thus the selling prices of dyes have sagged to a marked degree. While some of this decrease in value may be traced to the fact the tariff was reduced 15 per cent in September 1924, the greatest part of it is doubtless due to continued price-cutting competition among the domestic makers. Certainly this competition in the greatest measure was unwarranted in view of the total sales. The figures prove that there must have been enough business to keep practically all the makers in business with a total output of close to the best years that the industry has enjoyed. That better prices could have been obtained if the makers were not seized with an unfounded fear of the future, is obvious.

Another disconcerting part of the report lies in the fact that the imports for 1925 represent a larger percentage of the production than formerly. In 1924 the imports were 4.5 per cent of the domestic production, and in 1925 this increased to 6.2 per cent. The imports of dyes registered a 75 per cent increase in volume and a 65 per cent increase in value. Thus it may be seen that foreign producers not only shared in the increased prosperity of the country to a greater proportional degree than American producers, but that they also were able to maintain their average of prices closer to former levels than in the case of the domestic factors.

PROTECTION FOR POTASH

There is no doubt that the recommendation of Senator Smoot for a small protective tariff on potash would be a long step toward developing potash resources in this country. The Senator claims that when his recommendation previously was voted down the foreign producers immediately doubled their prices. He also claims that they will cut the prices equally as fast if American production is attempted without protection. He states further that if a protective tariff is established, potash will be available in this country at much lower prices than prevail at the present time.

It most certainly appears that if a potash industry is to be established in this country, a protective tariff is necessary. The methods of foreign pro-

ducers of chemicals in continuing their grip on various monopolies have been demonstrated in the past. In pre-war days prices on chemicals and dyes were ruthlessly slashed by German manufacturers when reports reached that country of intended American production. There is no reason to believe that German manufacturers have changed in their tactics in this matter. It is not the part of this country to criticize these tactics—the only logical step is to prevent the use of them against our industry.

The need of an independent potash industry is obvious. If this country is fortunate enough to have deposits, they should be worked. The money that has been spent in prospecting will be an absolute loss unless some assurance is given to those who desire to engage in the industry that they will be assured of a market for their goods at a fair price. The potash monopoly is causing no particular hardship at the moment, but the undesirable features of a foreign monopoly on a product of which we are large consumers are still quite fresh in our minds. Now is the time to act.

Congratulations to Mr. Peffer, his associates and also his competitors. So important has the chemical solvent alcohol become during the past five years, so beset with Governmental restriction, so increasingly keen in its competitive sales, that anything tending to stabilize the market is a matter for rejoicing throughout many branches of the chemical and drug industries. While raw material costs have declined, and there has been a cut in consumption, nevertheless there is no doubt but that the recent disturbed condition of the alcohol market has been very largely due to forced or panic sales on the part of some of the less strong companies. With the formation of the American Solvents & Chemical Corporation, the vast bulk of our alcohol production passes into three strong hands, sufficient enough to supply plenty of active competition for the price benefit of buyers, and yet of sufficient stability and experience to maintain an even keel.

Ten Years Ago

(From "Drug & Chemical Markets," April 26, 1916).

The German Government has agreed to permit the exportation to the United States of 15,000 tons of dyestuffs, lack of which has seriously affected the American Textile manufacturers. Notification to this effect was contained in a note delivered today by Count von Bernstorff, the German Ambassador, to Secretary of State Lansing.

Caustic potash was offered lower during the week at 88c to 92c a lb in sympathy with the decline in muriate of potash. Potassium chloride is easier and second hands are offering goods at 67c to 68c a lb. Bichromates have become unsettled, the prices are lower at 66c to 67c a lb for potash and 54c a lb for soda. Copper sulfate supplies are scarce and prices are higher at 26c to 26½c a lb. Spot lots of bleaching powder in second hands are quoted at 8c a lb but makers are firm at 11c a lb. Quotations on potassium alum from makers are \$11.10 per hundred lbs. for ground and \$10.00 for lump and \$11.00 for powdered.

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Domestic Dye Sales Up 22 Per Cent in 1925

Production Total 25 Per Cent Above 1924—Value of Sales Increased Only 5 Per Cent—Production Exceeded Only By 1920 and 1923—Sales and Value Exceeded Only By 1923—Increased Textile Activity and Greater Exports of Indigo and Sulfur Black the Cause—Marked Increase in Fast Dye Production—Imports Increased 75 Per Cent in 1925—Exports 19 Per Cent Over 1924—Sharp Competition Lowers Values—Imports Were 6.2 Per Cent of Total Production, Against 4.5 Per Cent in 1924

Preliminary figures compiled by the United States Tariff Commission show a domestic production of coal-tar dyes for the calendar year 1925 of about 86,000,000 pounds, with a value of about \$40,000,000. This is an increase of 25 per cent by quantity over that of 1924. The total sales of dyes in 1925 were about 79,000,000 pounds, valued at \$36,940,000. This is an increase of nearly 22 per cent in quantity and a 5 per cent increase in total value over the figures for 1924. This increased output and sales is largely due to the greater activity of the domestic textile industry and an improvement in the export trade in indigo and sulfur black.

The outstanding features for the year were (1) Continued recessions in dye prices due largely to the severe competition between the domestic manufacturers; (2) Conspicuous progress in the manufacture of fast dyes, many valuable dyes of high fastness being produced for the first time in the United States in 1925. The output of vat dyes (other than indigo) exceeded 2,500,000 pounds, compared with 1,820,000 pounds in 1925. This class of dyes is used largely on cotton and yields shades of exceptional fastness. This increase is of special interest as indicative of the pronounced trend toward an increased use of fast dyes. (3) The imports of dyes recorded a 75 per cent increase, by quantity, and a 65 per cent increase by value. This increase in imports since the tariff reduction of 15 per cent on September 21, 1924, shows increased competition from foreign dyes, mostly of the higher cost types. (4) Dye exports recorded an increase amounting to 64 per cent by quantity and 19 per cent by value over that of 1924.

Table I.—Domestic Production and Sales of Coal-Tar Dyes

Year	Production Pounds	Pounds	Sales Value
1925	86,000,000	79,000,000	\$36,940,000
1924	68,679,900	64,961,433	35,012,400
1923	91,667,524	86,567,446	47,223,161
1922	64,632,187	66,107,108	41,453,790
1921	39,008,600	47,513,762	39,283,956
1920	88,263,776	—	—
1914	6,619,729	—	—

Decline in Domestic Dye Prices

The weighted average price of all domestic dyes sold in 1925 was nearly 14 per cent less than the average of 1924. The following table shows the trend of the average prices of domestic coal-tar dyes in recent years:

Weighted Average Sales Price of Domestic Dyes

The total value of all dyes divided by the total quantity:

Year		Year	
1925	\$0.466	1922	\$0.60
1924	.54	1921	.83
1923	.515	1920	.59
		1917	1.36

The price recessions were of a general character and include the low as well as the high price dyes. The average sales price of indigo in 1925 was 15.5c per pound compared with 22c in 1924. The current price is about

12c per pound, a decrease from the pre-war price, when our entire supply was imported from Germany and Switzerland.

Dye Imports Record Increase

The total dye imports during 1925 were 5,315,158 pounds with an invoice value of \$4,791,900. This represents a 75 per cent increase by quantity and a 65 per cent increase by value over that of 1924. In accordance with the provisions of Par. 28 of the Tariff Act of 1922, the ad valorem duty on dyes and other finished coal-tar products was reduced on September 22, 1924 from 60 to 45 per cent; the duty on intermediates from 55 to 40 per cent. The specific duty of 7c per pound on both groups remained unchanged. Since the tariff reduction, the imports have recorded a conspicuous increase. The average monthly import during 1925 was 442,930 pounds, valued at \$399,326, compared with 179,103 pounds valued at \$182,515 for the first 9 months of 1924, prior to the reduction in the tariff rate. An increase in the activities of the textile trade during 1925 and the latter part of 1924 was a factor in the increased imports after the tariff reduction. There has been, however, an increased competition from foreign dyes, principally of the higher cost types used for special purposes. These dyes have been almost entirely of German and Swiss manufacture.

The following table shows the imports of dyes into the United States from 1920 through March, 1926.

Table II.—Imports of Coal-Tar Dyes Into the U. S.

Period	Pounds	Invoice Value	Monthly Average Pounds	Monthly Average Value
1925—Total 3 months	1,157,290	\$1,007,164	385,763	\$365,721
1925	5,315,158	4,791,900	442,930	399,326
1924—First 9 months	1,611,981	1,532,632	179,103	182,515
Last 3 months	1,410,036	1,256,146	470,303	422,040
Total	3,022,017	2,788,778	251,878	242,398
1923	3,098,193	3,151,363	258,153	262,614
1922	3,982,631	5,243,257	338,850	436,888
1921	4,752,911	5,156,779	354,409	429,732
1920	3,402,682	5,763,537	283,548	481,286

Relation of Production to Consumption

The imports of coal-tar dyes in 1925 were 6.2 per cent of the total production by quantity and 12 per cent by value. They were by quantity over 8 per cent of the apparent consumption, assuming this to be equivalent to production plus imports, minus exports. The dyes manufactured in the United States based on preliminary figures, accordingly supplied about 92 per cent of apparent consumption by quantity of coal-tar dyes. By value, however, domestic production would be considerably less than 92 per cent of consumption, as the average price of the imported dyes is much higher than the average of the domestic production. There was an exportable surplus of certain dyes.

Export Trade Records Increase

The total exports of coal-tar dyes in 1925 was 25,799,889 pounds, valued at \$6,694,360. This represents an increase of 64 per cent by quantity and 19 per cent by value over that of 1924. Our export trade has recorded a steady improvement since 1922 and consists largely of indigo and sulfur black. The peak year was in 1920 when the exports were valued at nearly \$30,000,000, prior to the reappearance of German dyes upon the world markets.

Table III.—Domestic Exports of Dyes

	Pounds	Value
1920	—	\$29,833,591
1921	—	6,270,139
1922	8,341,187	3,995,443
1923	17,924,200	5,565,267
1924	15,713,438	5,636,214
1925	25,799,889	6,694,360

Preliminary Summary of Production and Sales of Coal-Tar Products, 1925

Name of product	Sales Pounds	Value	Production Pounds	Schultz number	Name of dye	Pounds	Sales Value	Production Pounds
Intermediates	86,066,000	\$19,756,000	210,630,000	344	Direct brown M	144,000	\$ 111,500	123,400
Finished Products				363	Benzopurpurine 4B	438,100	288,100	396,900
Dyes	79,018,000	36,948,000	86,060,000	405	Benzopurpurine 10B	32,300	42,200	35,800
Color lakes	10,652,000	5,055,000	10,770,000	419	Direct blue RW	89,800	87,200	80,400
Photographic chemicals	349,000	475,000	327,000	424	Direct pure blue 6B	383,200	370,500	370,200
Medicinals	3,395,000	6,332,000	3,238,000	425	Direct pure blue	176,100	117,100	169,900
Flavors	2,149,000	1,409,000	2,207,000	436	Direct fast black FF	166,500	116,300	173,600
Perfumes	2,371,000	884,000	2,335,000	462	Direct black EW	5,527,200	1,862,500	5,142,100
Synthetic tanning materials	13,897,000	8,699,000	14,687,000	463	Direct black RX	343,200	154,200	276,000
Synthetic phenolic resins				464	Direct green ET			94,900
				474	Direct green B	279,400	171,300	230,500
				475	Direct green G	60,900	42,300	51,500
				476	Direct brown 3 GO	841,600	369,900	808,700
				477	Congo brown G			151,200
				485	Direct brown G	43,900	31,600	36,200
				9	Direct yellow R	403,500	244,600	413,400
				11	Chloramine orange G	126,100	119,100	113,100
				10	Stillbene yellow	137,200	113,700	155,500
				19	Fast light yellow 2G	62,000	151,200	
				23	Tartrazine	506,800	343,000	545,300
				495	Malachite green	169,400	260,800	173,600
				502	Acid green B	76,100	99,200	75,700
				515	Methyl violet	596,600	584,100	571,200
				530	Acid violet	181,200	269,700	191,200
				566	Wool green S	219,200	124,500	238,600
				606	Phosphine	149,500	232,500	166,300
				616	Primuline	191,300	121,900	206,900
				617	Direct fast yellow	197,500	208,900	190,300
				700	Nigrosine (water sol.)	1,175,700	497,900	1,089,300
				626	Galloyaniline	72,200	129,000	77,100
				649	Cotton blue	35,000	59,700	35,300
					Sulphur black	14,505,400	2,470,800	15,587,800
					Sulphur blue	669,700	668,800	668,800
					Sulphur brown	1,921,300	677,300	1,825,200
					Sulphur olive	129,700	43,500	131,000
					Sulphur tan	213,300	75,400	292,700
					Sulphur yellow	500,400	231,300	570,400
				574	Indigo, 20% paste	21,449,900	3,505,500	29,121,800
				877	Indigo extract	87,700	56,800	96,400
					Benzo fast black	111,200	146,800	108,500
					Zambesi blacks	367,600	317,800	334,100

Production and Sales of Principal Finished Coal-Tar Products, 1925

Name of product	Sales Pounds	Value	Production Pounds
Medicinals			
Acetanilide U. S. P.	363,500	\$ 112,700	—
Arsphenamine	350	103,000	278
Aspirin (acetyl salicylic acid)	1,476,000	1,025,610	1,499,100
Benzoic acid (anesthesine)	2,440	29,100	2,446
Cinchophen (atophan)	60,010	394,130	60,720
Neosphenamine	3,470	1,125,100	3,289
Salol (phenyl salicylate)	75,680	58,250	118,870
Sulfoarsphenamine	779	329,350	734
Flavors			
Coumarin	104,000	309,600	104,300
Methyl salicylate	1,802,600	711,500	1,819,800
Photographic chemicals			
Hydroquinol	224,200	251,900	208,860
Perfumes			
Amyl salicylate	13,660	16,510	11,100
Benzyl acetate	27,640	32,650	27,660
Benzyl alcohol	12,800	14,370	10,760
Benzyl benzoate			13,480
Cinnamic acid	910	2,750	2,730
Diethyl phthalate	2,137,300	657,500	2,099,200
Methylphenyl acetate	700	3,360	580
Phenylacetic aldehyde	520	5,400	700
Phenylethyl alcohol	993	5,700	

Production and Sales of Principal Dyes 1925

Schultz number	Name of dye	Sales Pounds	Value	Production Pounds
68	Spirit yellow R	54,700	\$ 50,100	57,200
32	Butter yellow	26,900	23,400	13,900
33	Chrysoidine Y	633,400	274,000	756,000
34	Chrysoidine R	170,300	80,200	167,200
36	Sudan I	51,800	29,700	42,900
38	Orange G	137,400	71,800	180,100
41	Fast Acid fuchsine B	29,000	16,500	33,700
42	Amido naphthol red G	251,500	132,200	257,600
48	Chrome yellow 2G	129,000	53,800	92,000
58	Chrome yellow R	125,900	57,000	117,000
61	Victoria violet	33,800	28,600	25,000
66	Amide naphthol red 6B	156,200	86,100	161,000
76	Sudan II	36,700	38,100	34,200
82	Ponceau 2R	425,800	216,600	371,700
112	Bordeaux B	122,200	68,500	108,600
134	Metanil yellow	490,100	337,200	586,300
141	Azo yellow	128,200	113,000	128,500
145	Orange II	1,402,700	405,800	1,359,000
151	Orange R	107,400	41,300	133,300
152	Permanent Red 4B	46,700	97,400	65,700
161	Fast red A	137,600	94,900	127,800
163	Azo rubine	235,200	171,800	193,400
164	Fast red VR	139,000	120,600	107,900
173	Lake red R	278,300	238,900	302,000
181	Chrome blue black U	851,100	369,900	851,500
184	Chrome black A	143,600	79,500	98,500
188	Fast acid blue R	205,600	133,700	203,000
191	Resorcin brown B	211,600	138,400	243,400
217	Acid black 10B	1,291,700	704,300	1,191,000
227	Brilliant croceine	185,700	176,000	204,600
232	Sudan IV	26,300	25,000	23,100
257	Sulphocyanine G	274,900	227,100	212,600
275	Chrome black F	98,200	79,300	117,100
279	Direct fast scarlet	242,300	395,800	255,500
283	Bismarck brown	146,200	68,400	153,500
284	Bismarck brown 2R	493,700	224,100	477,700
303	Paper yellow	75,300	102,100	87,500
304	Chrysophenine G	451,600	351,600	459,600
322	Direct violet B	36,200	39,200	37,200
327	Direct violet N	68,600	83,500	87,500
333	Developed black BHN	694,500	402,800	619,400
337	Direct blue 2B	761,700	256,100	787,000
340	Direct orange R	64,700	44,700	82,900
343	Direct fast red F	137,700	130,800	117,600

Production and Sales of Principal Coal-Tar Intermediates, 1925

Name of product	Sales Pounds	Value	Production Pounds
1-Amino-3-naphthol-4-sulfonic acid			532,000
H acid			2,274,000
J acid			212,000
Gamma acid			320,500
Aniline oil	13,320,000	\$2,140,800	24,989,000
Benzenide base and salt	257,000	184,200	1,181,000
Benzoate of soda	865,200	434,600	800,800
Benzoic acid, U. S. P.	80,000	46,200	183,900
Chlorobenzene (mono)	5,908,100	322,400	8,688,000
Dianisidine			74,150
p-Dichlorobenzene	1,992,200	325,900	1,983,700
Dimethylaniline	1,330,000	403,500	2,417,600
Diphenylguanidine	1,201,800	1,129,500	1,204,700
Naphthalene, solidifying 79° C. or above (refined, flake)			17,580,000
b-Naphthol, tech.			5,141,900
1-Naphthol-4-sulfonic acid (N W acid)			208,400
b-Naphthylamine			562,600
1-Naphthylamine-4-sulfonic acid			1,180,200
p-Nitroaniline			1,565,900
Phenol	8,524,100	1,771,300	14,734,000
m-Phenylenediamine			753,400
p-Phenylenediamine	317,200	369,300	360,400
Phthalic acid and anhydride	3,560,400	701,800	3,900,000
Salicylic acid, U. S. P.	1,222,900	375,400	2,516,800
Sulfanilic acid			1,407,470
Thiocarbamilide	1,898,996	438,230	2,352,000
o-Toluidine	785,616	185,511	2,031,900
p-Toluidine	220,227	125,810	941,900
m-Tolylenediamine	180,700	145,800	770,000
Triphenylguanidine	390,500	254,800	494,100

Zerby-Hess Co., 633 Lafayette Building, Detroit, has been formed by R. M. Zerby and C. W. Hess. The new company will deal in naval stores, industrial chemicals, and lacquer materials. Mr. Zerby was formerly with Western Rosin & Turpentine Co., and Mr. Hess with Berry Brothers, Inc.

Sulfur production on the public domain is provided for in a general bill reported favorably to the House of Representatives last week. This bill probably will be substituted for the Ransdell bill of the same nature sent over from the Senate. The House bill is said to have the endorsement of the Secretary of the Interior.

March Dye Import Tonnage Up, Value Down

Total for Month 487,804 Lbs., Valued at \$435,891, Against February 479,027 Lbs., Valued at \$477,255—Germany Percentage Lower at 48—Switzerland Higher at 34—Five Leading Dyes are Vat Blue, Ciba Red, Rhodamine B, Ciba Scarlet and Alizarine Blue—Madder Lake Imports Sharply Higher

Imports of coal-tar dyestuffs during March 1926 totaled 487,804 lbs., valued at \$435,891; against imports for February 1926 of 479,027 lbs., valued at \$477,255; and against imports for March 1925 of 527,964 lbs., valued at \$488,501. The total for the first three months of 1926 is 1,157,290 lbs., valued at \$1,097,164; against a total for the same period of 1925 of 1,305,207 lbs., valued at \$1,213,145.

Percentages of total imports for March and February for the various countries are as follows: Germany 48 per cent, against 53 per cent; Switzerland 34 per cent, against 31 per cent; France 3 per cent, against 5 per cent; England 6 per cent, against 3 per cent; Belgium 4 per cent, against 4.5 per cent; Canada 2.5 per cent, against 0 per cent; Italy 2 per cent, against 3 per cent; Holland 0.5 per cent, against 0.5 per cent.

Five leading dyes, by quantity, imported during March were: Vat blue GCD (single strength), 26,378 lbs.; Ciba red R double paste (single strength), 22,042 lbs.; Rhodamine B Ex. (single strength), 16,575 lbs.; Ciba scarlets (single strength), 14,021 lbs.; Alizarine blue SWR 13,220 lbs.

This information was compiled by the Chemical Division of the Bureau of Foreign and Domestic Commerce in collaboration with the Chemical Division of the United States Tariff Commission.

Import tonnages and values for the first three months of this year compared with those of 1925 are as follows:

	1926		1925	
	Pounds	Invoice Value	Pounds	Invoice Value
January	190,459	\$ 184,018	403,904	\$ 359,376
February	479,027	477,255	373,239	365,268
March	487,804	435,891	527,964	488,501
Total 3 mos.	1,157,290	\$1,097,164	1,305,207	\$1,213,145

Dyes and intermediates remaining in bonded warehouses for the past eight months are as follows:

Date	Coal-Tar Dyes and Colors (Pounds)	Coal-Tar Intermediates (Pounds)
July 31, 1925	775,916	1,378,837
August 31, 1925	767,431	1,363,760
September 30, 1925 ..	709,381	1,359,717
October 31, 1925	609,750	1,055,241
November 30, 1925 ..	521,238	746,226
December 31, 1925 ...	633,525	758,618
January 31, 1926	703,159	763,409
February 28, 1926	596,154	855,170

Imports of color lakes constituted only madder lake as in February, but the total advanced very sharply to 9,693 lbs., valued at \$4,227; against 143 lbs. in February and 2,773 lbs. in January.

The dyes in this report are grouped by Schultz numbers, and, in the case of those which could not be identified, the classification according to the ordinary method of application was adopted. As the pastes and powders of the vat dyes vary widely in strength and quantity, each vat dye has been reduced—in nearly every case—to a single strength basis.

KEY TO ABBREVIATIONS

- The Six Leading German Companies
 - A.....Actien Gesellschaft für Anilin Fabrikation, Berlin, Founded 1873.
 - B.....Badische Anilin- und Soda Fabrik, Ludwigshafen on the Rhine, Founded 1865.
 - By.....Farbenfabriken, normals Friedr. Bayer & Co., Leverkusen on the Rhine, Founded 1862.
 - C.....Leopold Cassella & Co. Frankfurt on the Main, Founded 1870.
 - K.....Kalle & Co., A. G., Bleibach on the Rhine, Founded 1870.
 - M.....Farvevke, normals Meister Lucius & Bruning, on the Rhine, Founded 1862.
 - SE.....Leipzig Anilinfabrik Beyer & Kegel, Furstenberg, near Leipzig, Founded 1882.
 - GG.....Chemikalienwerk Griesheim G.m.b.H., Offenbach on the Main, Founded 1882.
 - CJ.....Carl Jager G.m.b.H., Anilinfarbenfabrik, Dusseldorf, Founded 1823.
 - GrE.....Chemische Fabrik Griesheim-Electron, Offenbach on the Main, Founded 1842.
 - L.....Farwerk Mulheim, normals A. Leonhardt & Co., Mulheim on the Main, Founded 1879.
 - WM.....Chemische Fabriken, normals Weil ter Meer, Urdingen on the Rhine, Founded 1877.
 - WD.....Wulff, Dahl & Co., A. G. Barmen, Founded 1842.
- Swiss Companies, all at Basel
 - DH.....Farwerke normals L. Durand, Huguenin & Co. Founded 1871.
 - G.....Anilinfarben- und Extract-Fabriken, normals Joh. Bud. Gely, Founded 1764.
- Gesellschaft für Chemische Industrie, Founded 1885.
- Chemische Fabrik, normals Sandoz & Co., Founded 1887.
- Dutch and French Companies
 - NF.....Niederlandische Farben- und Chemikalienfabrik, Delft, Delft, Netherlands, Founded 1897.
 - CN1.....Compagnie Nationale des Matieres Colorantes et Produits Chimiques, Founded 1917.
 - FA.....Farwerk Ammersfoort, Ammersfoort, Netherlands, Founded 1888.
 - P.....Societe Anonyme des Matieres Colorantes et Produits Chimiques St. Denla. (formerly A. Poirrier) Founded 1830.
- English Companies
 - Bro.....Brotherton & Co. (Ltd.), City Chambers, Leeds.

- RAC.....British Alizarine Co., (Ltd.), Manchester.
 BD.....British Dyestuffs Corporation (Ltd.), London.
 CI Co.....The Clayton Aniline Co. (Ltd.), Clayton, Manchester.
 Scot.....Scottish Dyes (Ltd.), Grangemouth.
 CV.....The Colne Vale Dye and Chemical Co. (Ltd.), Milnside, Huddersfield.
 Hol.....L. B. Holliday & Co. (Ltd.), Grangemouth.

Imports for March follow:

DYES OF COAL-TAR ORIGIN

Schultz No.	Dye and Maker	Quantity Pounds
182	Brilliant sulphur red 10B-S	500
58	Chrome orange R-DH	55
56	Nitrosamine re dpaste-IG	500
56	Metachrome olive brown G-A	500
100	Eosamine G-IG	100
118	Brilliant geranine B-By	100
125	Diazine black G-IG	200
144	Orange S-IG	200
177	Metachrome violet B-IG	200
177	Milling yellow O-IG	2000
175	Acid ponceau E-G	220
194	Eriochrome flavine A conc.-G	1102
279	Thiazine red RXX-B	300
256	Chlorantine fast red 5BL-I	882
256	Sulphon cyanine G-IG	1058
259	Croceine scarlet 10B-By	50
265	Acid milling black B 652-G	2204
273	Diaminogens blue NA-C	1156
274	Diaminogens extra-C	9500
279	Diazo brilliant scarlet ROA-IG	200
279	Diamine brilliant violet B-C	462
279	Benzo fast orange S, WS-By	600
319	Chlorazol violet R-BD	500
319	Chloramine red B, 3B-S	2809
319	Diamine Scarlet B-IG	551
348	Diphenyl brown GS-G	551
	Polar red, G-G	
	Polar red, B-G	
	Polar red, RS-G	
358	Chlorantine red, 88N-I	1339
358	Chlorantine red, 88S-By	
358	Aceto purpurine, 88-A	
364	Diazo brilliant black B-IG	948
366	Delta purpurine, 5B-IG	1000
373	Congo orange R-A	1831
373	Diamine orange F-IG	2204
449	Trisulfon brown B conc.-S	493
471	Chloramine blue 3G conc.-S	

Schultz No.	Dye and Maker	Quantity Pounds
474	Diamine green B-IG	10
14	Diphenyl chrysoline GC-G	4927
19	Fast acid yellow 3G-C	244
	Kilton fast yellow 3G-I	1652
26	Triazogene orange R-IG	100
496	Rhoduline blue 6G-IG	651
496	Stetoglaurine-G	
498	Turquoise blue G-IG	100
503	Erio viridine B supra-G	1602
503	Poseidon green SGX-IG	
505	Light green SF yellow shade XX-IG	500
506	Erioglaurine A-G	
506	Erioglaurine AP-G	8817
506	Erioglaurine EP-G	
506	Erioglaurine X high conc.-G	
512	Magenta powder AB-IG	1000
516	Crystal violet extra-IG	1000
531	Erio cyanine AC-G	1102
536	Alkaline blue H.R.-A	25
537	Methyl silk blue, new-G	110
539	Water blue, large lumps-IG	1000
541	Direct brilliant blue 8B-I	220
543	Kilton pure blue V-I	
543	Patent blue V-IG	1720
543	Poseidon blue BGX conc.-IG	
545	Poseidon blue, BR extra-IG	2500
546	Cyanol extra-C	
546	Xylene cyanole FF conc. extra-S	1320
554	Chromazurol S, conc.-G	551
555	Aurine	338
557	Chrome violet-G	110
558	New Victoria blue B-By	100
559	Victoria pure blue B0-IG	1000
562	Brilliant wool blue FFR extra-IG	1602
562	Acid blue RBF-I	
564	Alkali fast green 3G-IG	2304
564	Erio green B supra-G	
573	Rhodamine B extra (ss)-B	441
573	Rhodamine B extra (ss)-I	16575
	Chromorhodine BR-DH	441
	Aurazine G-G	220
603	Acridine orange DHE-DH	4847
603	Brilliant acridine orange A-DH	
606	Patent phosphine G-I	
606	Phosphine 3R-IG	4161
608	Patent phosphine BRDX-IG	1200
	Quinoline yellow KT extra conc.-IG	500
618	Thioflavine-C	500

Schultz No.	Dye and Maker	Quantity Pounds	Schultz No.	Dye and Maker	Quantity Pounds	Dye and Maker	Quantity Pounds
672	Azo carmine GN—R	2203	913	Helindone orange R paste—IG	4122	Vat yellow GGR paste—IG	99
673	Rose induline 2R bluish—IG	240	914	Thio indigo brown G paste—IG	1000	Vat yellow GGR pdr (ss)—IG	
673	Rose induline 2R bluish—K		904	Thioindigo brown G paste—IG		Mordant & Chrome Dyes	
	Wool fast blue BL—R		907	Anthra scarlet 2R paste—R	14021	Acid Alizarin Grey G—M	60
	Wool fast blue BL—R		907	Ciba scarlet G extra paste—1		Acid anthracene brown PG—IG	258
	Wool fast blue CL—IG	3918	907	Thioindigo scarlet 2R paste—IG		Acid anthracene brown WSG—IG	1000
	Xylene milling blue AE cone—R		908	Ciba red R double paste (ss)—1	22042	Alizarine light grey BS cone—R	3092
657	Methylene heliotrope, extra—IG	100	874	Indigo pdr.—	1589	Anthracene chromate brown ER—IG	1000
700	Nigrosine GF—IG		UNIDENTIFIED DYES				
700	Nigrosine T—R	880	Acid Dyes				
705	Indocyanine B—IG		Dye and Maker				
705	Indocyanine B—A	3100	Quantity				
923	Fur blue black A—A		Pounds				
923	Fur blue black SDF—IG		Acid pure blue R, supra—G	551	Chromazurine DN—DH	110	
923	Fur brown 4R—M		Acid violet 3 R extra—IG	200	Chromazurine G—DH	440	
923	Fur brown NED—IG	875	Acid violet 3 R—IG	10	Chrome fast yellow 2 G pdr—IG	100	
923	Fur brown PH—IG		Alizarin direct violet ERC—M	63	Chrome printing elaret R—DH	35	
923	Fur brown SKG—IG		Alizarin fast grey 2 RL—By	203	Chromophenine FKN—DH	110	
923	Fur grey B—M		Alizarin rubine R—By	220	Chromorhodine RN—DH	441	
923	Fur grey G—IG		Alizarin supra blue A—IG	1005	Chromorhodine 6 GN extra—DH	220	
923	Fur olive 3G—IG		Alkali fast green 3 G—IG	100	Eriochromine brown G pdr—G	110	
923	Fur yellow 6R—IG		Astra phloxine FF extra—IG	1544	Eriochrome black E—G	551	
922	Brilliant delphine blue B—R	2092	See brilliant red R—IG	100	Eriochrome blue S—G	1103	
	Chromazurine E—DH	441	Benzyl fast blue L—1	221	Eriochrome geranol R cone—G	220	
925	Modern heliotrope DH—DH	220	Brilliant acid blue IG cone—IG	753	Metachrome red G—IG	200	
927	Chromacetine blue S extra—DH	907	Brilliant milling blue R—By, IG	3053	Naphthochrome violet R—1	441	
927	Modern cyanine V—DH	220	Cloth fast red 3 R—1	220	Radio chrome blue R—IG	300	
937	Gallamine blue extra—G	4216	Cloth fast yellow G—1	321	Ultra corinth B—B	200	
945	Gallamine—DH	441	Fast acid marine blue HRRX—IG	200	Direct Dyes		
960	Methylene green G extra cone—R	2705	Fast black G, cone—G	110	Benzo brilliant pink G—By	100	
960	Methylene green W—G		Formyl blue B—IG	10	Benzo fast green B—IG	100	
961	Thionine blue G—1	1002	Guinea blue A—A	500	Benzo fast black L—By	458	
961	Thionine blue (W)—IG		Guinea brown 2 GL—IG	200	Benzo fast brown 3 GL—IG, By	1760	
967	Indochromine RR cone—S	500	Guinea fast green 3 R—IG	200	Benzo fast brown RL—IG	1954	
978	Hydron blue R (ss)—IG	333	Guinea light blue A—IG	500	Benzo fast brown RL—By	1000	
978	Alizarine VI extra pure—M	6612	Guinea rubine 4 R—IG	200	Benzo fast grey BL—IG	1	
978	Alizarine paste bluish—1		Indocyanine B—IG, A	3439	Benzo fast scarlet 2 GL—IG	500	
980	Alizarine red S—R	1200	Indocyanine FF—A	200	Benzo thioindigo red 3 R—By	500	
980	Alizarine red W—By		Ink blue RITHN pdr—A	110	Brilliant benzo fast yellow GL—IG	500	
982	Anthracene brown RD—G	2825	Kilten fast red 4 RL—1	100	Brilliant benzo green R—By	496	
982	Anthracene brown SW—IG		Leveling alk blue B—IG	500	Brilliant pure blue R—By	283	
983	Purpurine—IG	5000	Milling orange G—IG	400	Brilliant pure yellow 6 G extra—By	110	
	Alizarine saphire blue SE—1	220	Milling yellow GA—A	200	Brilliant sky blue 8 G extra—By	881	
888	Alizarine saphire blue R—1	1200	Moti orange G—IG	50	Chloramine light grey R cone—R	114	
888	Alizarine saphire blue R—IG		Mott orange R—IG	50	Chloramine fast blue 2 GL—1	8157	
900	Alizarine blue, SWR—IG	13220	Soluble blue 2 B extra cone—IG	480	Chlorantine fast Bordeaux—1	220	
856	Alizarine blue AS—By	1156	Supramine orange G—By	473	Chlorantine fast Bordeaux 2 RL—1	551	
859	Alizarine light blue R cone—S	500	Supramine Bordeaux R—By	100	Chlorantine fast brown 3 RL—1	2205	
860	Alizarine direct blue BG400—R	1000	Supramine brown G—IG	100	Chlorantine fast violet 5 RL—1	2204	
863	Anthraquinone violet—R	1024	Supramine brown R—By	100	Chlorantine fast violet 2 RL—1	1103	
862	Alizarine blue black R—By	3102	Supramine red 2 G—IG	500	Chlorazol fast brown BK—DH	1500	
862	Alizarine blue black 3R—By		Supramine red 3 R—IG	1430	Columbia catechine—IG	100	
851	Alizarine direct blue R—IG	1000	Wool black RD—By	3247	Columbia catechine G—A	500	
853	Alizarine sky blue R—By		Wool blue N extra—IG	25	Columenol A extra—IG	500	
855	Alizarine sky blue R—By		Wool blue RRT extra—By	556	Developed brilliant scarlet 2 RL ex—By	496	
739	Anthra yellow GC paste—IG	2536	Wool fast orange G pdr.—By	485	Developed light violet RL—By	373	
739	Anthra yellow GC pdr. (ss)—IG	6351	Xylene milling blue AE cone—S	1000	Developed light yellow 2 G—By	277	
760	Vat golden orange G dbl paste (ss)—R	3872	Xylene fast blue FF cone—S	727	Developing blue R—A	1000	
761	Vat golden orange RRT paste—IG	7229	All other	18	Diamine Azo brown G—C	1298	
763	Vat dark blue BDA paste—R	2448	Vat Dyes				
767	Vat violet RR extra paste—R	1316	Alizarin indigo 5 R paste—IG	400	Diamine Azo fast green G—C	502	
828	Vat blue RSP—IG		Alizarin indigo brown R paste—By	6400	Diamine Azo yellow 2 G—C	496	
828	Vat blue RSP—IG		Alizarin brilliant green 5 G paste—R	851	Diamine brown R—IG	100	
828	Vat blue RS triple paper pdr. (ss)—R		Anthra pink B extra paste—R	1000	Diamine dark blue B—IG	10	
840	Vat blue 3G paste—IG	1959	Anthra rubine R pdr—K	341	Diamine fast black C high cone—IG	100	
840	Vat blue 3G powder (ss)—M		Ciba black G pdr—1	110	Diamine fast blue F 3 G—C	1300	
842	Cibacene blue GCD (ss)—1		Ciba black R pdr—1	85	Diamine fast brown GBR—IG	600	
842	Isanthrone blue GCD dbl. paste (ss)—R		Ciba pink GR paste—1	3086	Diamine fast orange ER—C	1111	
842	Vat blue GCD pdr. (ss)—B	26378	Ciba pink RG pdr. (ss)—1	2755	Diaminogene BW—C	743	
842	Vat blue GCD double paste (ss)—R		Cibacene brown R pdr. (ss)—1	1110	Diaminogene GW—C	1448	
842	Vat blue GCDX pdr. (ss)—R		Cibacene red G pdr—1	330	Dianil fast violet RL—IG	300	
	Vat blue RCS pdr. (ss)—R	3020	Eridane brilliant scarlet B paste—IG	110	Diamine brown SW—1	330	
849	Vat yellow G pdr. (ss)—IG	1240	Grelanone brown B pdr—GR	1300	Diaz fast black SD—By	463	
818	Vat pink R pdr. (ss)—B	1645	Helindone blue 3 G pdr—IG	48	Diaz sky blue B—By	1617	
	Vat yellow GK pdr. (ss)—By	800	Helindone blue 3 R paste—IG	100	Diaz sky blue 3 GL—By, IG	1330	
820	Vat brilliant violet RK pdr. (ss)—IG	1600	Helindone printing black RD paste—IG	8500	Diazogene, orange G—CJ	150	
822	Vat brilliant orange FR pdr. (ss)—By		Hydron brown G paste—C	2260	Diphenyl fast brown B—G	1102	
822	Vat orange RP pdr. (ss)—C	3490	Hydron brown G pdr. (ss)—C	1800	Direct cutch brown GR—1	331	
822	Vat orange R paste—M		Hydron brown R paste—C	838	Direct fast brown 3 GL—By	551	
824	Vat orange R paste—By	289	Hydron FR pink paste—C	100	Direct fast heliotrope 2RL—By	276	
835	Vat olive R paste—IG	4000	Hydron scarlet 3 B paste—C, IG, G	2035	Direct red 12 B—	123	
	Vat brown G paste—IG	8000	Hydron sky blue FK paste—IG	900	Direct sky blue 8 G extra—By	440	
	Vat brown G pdr. (ss)—IG		Hydron yellow GG pdr.—IG	200	Fast cotton brown GB—A	35	
821	Vat red RK paste—R	6423	Hydron wool red BB vat—IG	25	Fast cotton grey VL—A	700	
832	Vat violet RN paste—B		Indigoel violet AZB—DH	110	Fast cotton orange 4 RL—IG	100	
792	Cibacene orange R pdr. (ss)—1	2004	Solken fade green paste—Scot	112	Iguanone orange RR—IG	31	
793	Cibacene blue 3G paste—1	4408	This indigo black B paste for printing—IG	3000	Rosaniline orange R—1	351	
793	Cibacene blue 3G paste—1		This indigo brown G paste—IG	200	Triazol fast brown G—GE	287	
793	Cibacene blue 3G paste—1	2396	Vat blue RZ double paste (ss)—B	1826	Triazol light yellow RL—GrE	254	
881	Brilliant indigo 4R pdr. (ss)—R	771	Vat brilliant blue R paste—R	90	Zambesi black D—A	1000	
883	Indigo MLE 6B pdr. (ss)—M	2500	Vat brilliant violet 3 R paste—IG	20	Zambesi black D—A		
890	Ciba yellow G paste—1	1000	Vat brilliant violet 4 R paste—IG	10	Dyes for Artificial Silk		
891	Ciba green G pdr. (ss)—1	2200	Vat brown 2 G paste—B	792	Azol printing Bordeaux R extra—IG	10	
912	Anthra red B paste—IG	988	Vat golden orange 3 G paste—By	882	Azol printing violet 2 R extra—IG	10	
910	Anthra pink RN paste—R		Vat golden orange 3 G pdr (ss)—By	800	Aniline direct violet R cone. paste—IG	100	
910	Helindone pink AN paste—IG	2610	Vat green 2 G double paste (ss)—B	550	Duranol blue G paste—BD	116	
910	Thio indigo rose RN paste—K		Vat pink R double paste (ss)—B	4516	Duranol orange G paste—BD	212	
918	Ciba red 3B paste—1		Vat pink R pdr (ss)—IG		Duranol red G paste—BD	1815	
918	Thio indigo red 3B paste—K	5497	Vat yellow FFRK paste—IG	441	SRA red III—BC	1010	
918	Vat red violet RH paste for printing—IG		Vat yellow GF paste—IG	300			
914	Helindone orange D pdr. (ss)—IG	350	Vat yellow 3 GF double paste (ss)—IG	400			

(Continued on page 1237)

NO DUMPING OF ALUMINUM SULFATE

(Special to DRUG & CHEMICAL MARKETS)

Washington, April 26—The Treasury Department has notified the United States appraiser of merchandise at New York that it sees no reason for the issuance of an anti-dumping order against certain Berlin, Germany, firms exporting sulfate of alumina to the United States. Assistant Secretary Andrews, in a letter to the New York appraiser, April 16, said the department had declined to employ anti-dumping provisions of the Tariff act for the reason that it was evident that the German and American values as reported by investigators were in accord.

"As it appears conclusively," said the letter, "from reports to the customs attache at Berlin, Germany, that the exporters' sales price of the seventeen-eightieths per cent sulfate of alumina shipped to the United States is not less than the foreign value of the merchandise for consumption in Germany, there is no basis for the issuance of a finding of dumping and the department declines to take such action. Appraisement reports covering such merchandise, therefore, need no longer be withheld so far as any question of dumping is concerned."

STRONTIUM NITRATE DUTY DECISION

The following was made public recently in the minutes of the Tariff Commission with reference to the application of E. I. du Pont de Nemours & Co. to increase the duty on strontium nitrate: That the secretary be directed to send a letter to the du Pont de Nemours Company advising them that after careful consideration of the application for an increase in the rate of duty on strontium nitrate, the commission is of opinion that the institution of a formal investigation for the purposes of Section 315 of Title III of the tariff act of 1922, is not warranted at the present time by the facts developed by the commission's inquiries, and further that the commission will be ready at any time in the future to give further consideration to this subject in the light of such additional information as the applicant may care to submit or that may be otherwise developed.

GERMANY ADOPTS EXPORT INSURANCE

In an effort to stimulate the German export trade and thus make it easier for Germany to live up to her payments under the Dawes reparation plan, the Ministry of Economics has concluded arrangements with leading insurance companies for instituting a plan for export credit insurance.

A special insurance department will be created for administering the credit insurance fund.

The Ministry hopes that through the fund territories will be opened where German exports are not yet finding the way in European, Central and South American, Australian and African markets. The insurance fund is not intended as a subvention. Before receiving assistance exporters must furnish reasonable evidence that the foreign buyer is able to pay. In determining this German consular staffs abroad will be called upon for assistance.

The man who becomes a subscriber to trade papers in his field and reads them diligently generally knows more on the little minor points that keep cropping up in contact with prospective customers than the one who neglects to do so, said Thomas J. Keenan, Associate Editor of "Paper Industry," in an address before a recent meeting of the New York Chapter of the Salesmen's Association of the Paper Industry. Some of the facts may be unimportant, said Mr. Keenan, but in each one the fact of ignorance or knowledge is apt to weaken or strengthen a salesman's position in the eyes of the buyer.

CHINA CLAY MINED IN SOUTH AFRICA

Enormous Deposits of Material Equal to Cornwall Clay Discovered—Supply Practically Unlimited—Low Cost of Production Overcomes Increased Freight Rate—Answer to Depletion of Cornwall Deposits

Enormous deposits of china clay, the quality of which is said to be equal to that now being imported into this country from Cornwall, England, have been discovered in South Africa. A representative of the company that is exploiting the deposits is now in this country. When interviewed by a representative of DRUG & CHEMICAL MARKETS he stated that these deposits were the only source of supply of high grade china clay in the world with the exception of Cornwall, England, and Germany. Practically all of the high grade china clay imported into this country comes from Cornwall.

One vein of the South African deposits is estimated at 7,000,000 tons, another one estimated at 2,000,000 tons, and there are many others that have not been estimated. It is claimed that the supply is practically unlimited. The deposits are located right in the municipality of Cape Town, South Africa, and are at a depth of only two feet below the surface. The clay is taken from the earth in a condition that requires practically no washing to make it suitable for marketing, although for some purposes further treatment is necessary. The recovery of the clay is not as difficult as it is in Cornwall. The railroad is only 300 yards from the deposits, and a six-mile haul is all that is necessary to the seaboard.

While the freight rate is something of a handicap, it is claimed that this can easily be overcome in view of the lower production costs. With reports coming out of England as to the inadvisability of working some of the deposits there any further, it is claimed that there should be an economic advantage in favor of the new deposits. The annual production in Cornwall is estimated at 885,500 tons, which requires a pit with perpendicular sides 150 feet deep, covering 11 acres. Since a pit of 150 feet depth cannot have perpendicular sides, the area required is approximately 22 acres. It is necessary in the case of many of the Cornwall deposits to move tremendous quantities of rock in order to work some of the deposits further, and many of them are about to be abandoned.

FERTILIZER INVESTIGATION ON MAY 17

U. S. District Attorney Amos W. W. Woodcock states that a Federal Grand Jury has been ordered to convene in Baltimore May 17 to investigate the fertilizer industry, in which a combine is reputed to exist. The order for the Grand Jury convention went out from the Department of Justice. It was followed, according to reports, by subpoenas for officials of 30 of the largest fertilizer firms, demanding that they be ready to produce their companies' records when called for.

VEGETABLE OIL HEARING SET FOR MAY 25

(Special to DRUG & CHEMICAL MARKETS)

Washington, April 21—The tariff commission announced today that a hearing will be held on May 25 in connection with the vegetable oil tariff investigation. At that time the matter of getting further figures in connection with raw material will be taken up.

Sharples Solvents Corp., 23rd and Westmoreland sts., Philadelphia, Pa., C. Marshall Taylor, general manager, has leased property at Belle, near Charleston, W. Va., as site for a new plant for the manufacture of industrial alcohol and kindred products. The works will consist of a group of buildings, with laboratory and power house, estimated to cost about \$75,000, with machinery.

Quantity
Pounds

90
60
254
1000
3002
1900
116
110
220
650
110
440
100
25
110
441
220
110
551
1103
220
200
441
200
200

100
100
458
1700
1954

1000
5
500
500
406
283
110
881
114
8157
220
561
2205
2204
1102
1500
100
500
500
496
373
277

1000
1198
502
496
100
10
100
1500
600
1111
743
1444
300
330
110
463
1617

1330
150
1102
331
551
276
132
440
25

700
100
28
331
287
254
1000

10
10
100
116
212
1815
2010

MUSCLE SHOALS COMMITTEE RECOMMENDS BID TO CONGRESS

Approves Bid of Muscle Shoals Fertilizer Co. and Muscle Shoals Power Distributing Co.—Agriculture and National Defense Adequately Provided For—Senator Heflin Prefers Bid of American Cyanamid Co.

(Special to DRUG & CHEMICAL MARKETS)

Washington, April 28—Muscle Shoals will be sold to the Muscle Shoals Fertilizer Co. and the Muscle Shoals Power Distributing Co. if the Senate and House of Representatives accept the recommendation submitted by the majority of the Joint Muscle Shoals Congressional Committee and the bill which goes with the recommendation, which have been presented to the Senate.

Senator Deneen, chairman of the Committee in presenting the report said: "National defense is adequately served by this offer. The present plan or its equivalent in respect to capacity is to be maintained (until released by Congress) in its present state of readiness for the manufacture of explosives; the premises and personnel may be taken over by the United States whenever necessary in the interest of national defense, and a maximum amount of power is rendered available from the interconnected system for war industry.

"Agriculture is served by a definite program of fertilizer production up to and beyond the present capacity of the plant. The fertilizer company agrees to produce annually 40,000 tons of nitrogen in the form of concentrated fertilizer by means of synthetic ammonia and phosphoric acid plants, as follows: within three years 10,000 tons annually of fixed nitrogen; within the succeeding three years, 20,000 tons annually; thereafter, in succession, to build two additional units of 10,000 tons annual capacity each, but with such construction to depend on the sale for two consecutive years of full amount stipulated up to that time. Production beyond 40,000 tons is provided for but not guaranteed.

"A capital of \$20,000,000 is provided by the bidders for this program. The company agrees to limit its profits on fertilizer to 8% on cost. The fertilizer company has preferred use of all power generated at Muscle Shoals for the production of nitrogen and other fertilizer ingredients.

"The bid provides the largest monetary return to the United States of any of the bids considered with the properties as they now stand, and besides provides larger financial return for increased power at these properties due to upstream developments regardless of whether these latter are made by the United States or by other interests."

Senator Deneen presented the report of the Muscle Shoals committee and the bill recommended by it, to the Senate. Senator Norris stated the bill should be referred to the Committee on Agriculture, but Senator Deneen objected. The matter went over until Tuesday after Senator Heflin stated he believed acceptance of the bid of the Air Nitrates Corp., backed by American Cyanamid Co., would be more beneficial.

Phillip S. Clarkson, for several years in charge of H. A. Metz & Co.'s dyestuff laboratory and more recently in the service sales department of the General Dyestuffs Corp., died of toxic poisoning in Beverly, N. J., April 25 after an illness of over a year. He had been in the hospital over one month. He was about 55 years old at the time of his death and is survived by a wife and two children. Funeral services were held yesterday, April 28.

Blackburn Varnish Co., Cincinnati, Ohio, has increased its capital stock from \$200,000 to \$500,000 to finance an increase in the facilities of the plant

WHO'S WHO - in the Chemical Industry

Charles L. Auger, pres., National Silk Dyeing Co., Paterson, N. J. Born: Phila., Sept. 29, 1860. Mar.: Mary Mirandon, Paterson, N. J., June 1881, (d. 1882); (2nd) Emma Chadwick, Paterson, April 1883. Educat.: Public and commercial schools. Business: Nat'l. Silk Dyeing Co., (pres. and director); Dominion Silk Dyeing & Finishing Co., Drummondville, Que., Canada (pres. and director); director of following: First Nat'l. Bank, Paterson, Hamilton Trust Co., Paterson, Paterson Sagrs. Institution, Investors Title Mortgage & Guaranty Co., Paterson. Chmn., Third and Fourth Liberty Loan, v. chmn., Second and pres. of Large Subscriptions, Victory Loan, Red Cross and other war relief work. Member: Hamilton Club (Paterson), Congressional Country Club (Wash., D. C.), North Jersey Country Club, Union League, Princeton, Automobile Club of America, Drummondville Country Club (Canada), Cercle Republicain (Paris), Chevalier de la Legion d'honneur, Soc. of Chemical Industry (London), Geographical Society. Hobbies: Traveling, research work.

Alan Avery Clafin, New England mgr., The L. B. Fortner Co., Boston. Born: Boston, April 7, 1873. Mar.: Mabel Nash, Wollaston, Mass., Nov. 8, 1896. Children: Avery, 1898, Virginia (Mrs. Dudley Pratt) 1902, Philip Wadsworth, 1904. Educat. Thayer Academy, 1890; Mass. Inst. Tech., B. S. Chem., 1894. Business: Avery Chem. Co., chemist, supt., sales mgr., vice-pres., pres., 1894-1917. Technical adviser, 1917-1920; The L. B. Fortner Co., New England manager to date. Trustee Medford Pub. Library 1912 to date. Member various Trade and Country Clubs and scientific societies. Developed manufacture and commercial use of lactic acid; done original work in leather and textile chemistry. Sec. N. E. Section S. C. I., 1904-15. Written much on technical and scientific subjects. Hobbies: Tennis, bridge, chess, and nature study.

Victor L. King, technical director, Calco Chemical Co., Bound Brook, N. J. Born: Nashville, Tenn., Mar. 14, 1886. Mar. Mary Ruegger, Wood Ridge, Bergen Co., N. J. Children: four boys. Dartmouth College, Univ. of Zurich, Ph. D. Zurich, Switzerland and Federal Polytechnikum, Switzerland. Business: Smelter superintendent, Vermont Copper Co. 1907; works mgr., Hoffman-LaRoche, Germany, to 1915; erection and operation of phenol and aniline plants, Thomas A. Edison, and phenol and picric acid plants, Butterworth-Judson, etc., during war; Chas. Pfizer & Co., operating mgr., and since Armistice, tech. dir. for Calco Chemical Co. War Industries Board, Chief of Dyestuffs Section. Member: Phi Gamma Delta, Chemists' Club, Dartmouth Club, Raritan Valley Country Club, etc. Hobby: Boy Scouts of America.

Bernard L. Landers, New England representative, Philipp Bros. Inc., Boston. Born: Jan. 20, 1892. Unmarried. Mass. Inst. of Tech. B. S. in Chem. Eng. 1915. Business: Plant chemist, Natl. Anil. & Chem. Co., Wapping Falls, N. Y., 1915-1919. Tower Mfg. Co., plant chemist, 1919-20, consulting chemist to 1923, sales representative since 1924. Member: Masonic Lodge No. 671, F. & A. M., N. Y. State, N. E. Assn. Textile Colorists & Chemists, Dry Salters Club of N. E. Hobbies: Tennis, hiking, and bridge.

The Industry's Finances

COMMERCIAL SOLVENTS CORP.

ELIMINATES FUNDED DEBT

Gold Notes and Preferred Stock Called—Class Stock A Converted Into Class B Stock—Class B Stock to Be Only Security Outstanding—Clears Way for Dividends on Class B Stock—Board Votes \$1,000,000 for Plant Additions—Dividends Declared

FOREIGN EXCHANGE	Par	Current
Great Britain (pound sterling)	4.866	4.866
France (franc) .....	.193	.034
Italy (lira) .....	.193	.040
Belgium (franc) .....	.198	.035
Czechoslovakia (crown) per hundred	20.30	2.96
Denmark (krone) .....	.268	.262
Germany (mark) .....	.238	.238
Holland (florin) .....	.402	.401
Poland (zloty) .....	.193	.115
Norway (krone) .....	.258	.215
Spain (peseta) .....	.193	.144
Sweden (krone) .....	.268	.268
Switzerland (franc) .....	.193	.193
Argentina (peso) .....	.414	.401
Brazil (milreis) .....	.324	.141
Japan (yen) .....	.499	.472
India (rupee) .....	.485	.362
China (Silver dollar, Hongkong) .....	.789	.539
(Tael—Peking, silver)	1.146	.740
(Tael—Shanghai, silver)	1.986	.700

The Board of Directors of Commercial Solvents Corp. at its meeting held last week, voted to entirely eliminate its funded debt and also to convert all of its securities into one class. The outstanding five-year gold notes are called for redemption on June 1 at 104% of the principal and interest. The first preferred stock of \$100 par value has been called for redemption on July 1 at \$105 per share and accrued dividends. The class A stock of no par value has been called for redemption on July 1 at \$50 per share. The preferred stock may be converted into class B stock at \$110 per share on or before May 31. The class A stock may be converted into class B stock, share for share if notice is given on or before June 11. Thus the only security outstanding will be class B stock.

The saving in interest on the notes and in dividends on the first preferred and Class A stocks will aggregate approximately \$400,000 per annum, and will make the entire net earnings of the corporation, available for dividends on the authorized 110,000 Class B shares. It is the intention of the board to initiate dividends on the Class B shares by a dividend payable not later than October 1 next.

At the meeting the board appropriated approximately \$1,000,000 for plant additions for the manufacture of derivatives and by-products and it is expected that a substantial increase in net revenue will be derived from this increase in facilities.

The usual quarterly dividends on the preferred and Class A stocks, for the current quarter, were declared, payable July 1, 1926 to holders of record at the close of business on June 30, 1926.

Earnings for quarter ended March 31, 1926, totaled \$321,889 after depreciation, interest and reserve for taxes, equivalent after allowing for dividends requirements on \$8 first preferred stock and \$4 Class A stock to \$5.53 a share earned on outstanding 47,299 shares of no par Class B stock.

UNITED DYEWOOD EARNINGS DOWN 50%

Report of United Dyewood Corp. (holding company) for year ended Dec. 31, 1925, shows net income of \$441,099 after expenses, etc., equivalent after preferred dividends to \$1.22 a share earned on \$13,918,300 common stock. This compares with \$595,836 or \$2.40 a share in 1924.

Consolidated statement of subsidiary companies of United Dyewood Corp. shows net income of \$286,963 after depreciation, interest, Federal taxes and reserves, against \$336,472 in previous year. Profit and loss surplus totaled \$2,271,172 of which the equity of United Dyewood Corp. amounted to \$2,256,528, compared with \$2,639,800 and \$2,620,021 respectively in 1924.

U. S. Gypsum Co. and subsidiaries report net earnings for 1925 of \$10,474,302 as compared with \$8,825,696 for 1924.

Securities Quotations

Closing Prices For Week Ending April 24, 1926

	Bid	Asked		Bid	Asked
*Air Reduction	113 3/4	113 3/4	Hercules Powder	145	150
*Allied Chem & D	118 3/4	118 3/4	Hercules Powd. pf	113	115
*Am Ag Ch	20 1/4	21 1/4	Heyden Chem	2 1/4	2 1/4
*Am Ag Ch pf	66 3/4	67 1/4	Hooker Electro	20	27
*Am Chicle	38 3/4	41	Hooker Electro pf	68	72
*Am Chicle pr pf	90	92 1/4	*Household Prod	42 1/4	42 1/4
Am Cyan A	41	46	*Int Agricult	17 1/2	17 1/2
Am Cyan B	39	43	*Int Agricult pf	87	87 1/4
*Am Druggist S	5 1/4	5 1/4	*Int Nickel	36 1/2	36 1/2
*Am Glue	47	50	*Int Nickel pf	85 1/4	86
*Am Glue pf	106	109	*Int Salt	75	80
*Am Linseed	31	31 1/4	Lehn & Fink Prod Co.	33 3/4	34
*Am Linseed pf	80	81 1/4	*Mathieson Alk	75 1/4	77
*Am Metal	50 1/4	50 3/4	*Mathieson Alk pf	100	—
*Am Metal pf	115	118	MacAnd & Forbes new	39	41
*Am Zinc	30	30 3/4	MacAnd & Forbes pf	101 1/4	103
Anglo-Chilean Nitrate Corp	23	26	Merrick & Co.	54	58
*Archer Dan Mid	38 1/4	39	Merrimac	75	80
*Archer Dan Mid pf	100	102	Mulford Co.	30	33
*Atlas Powder	55	55 1/4	*National Lead	148	149 1/4
*Atlas Powder pf	98 3/4	99 1/4	*National Lead pf	117 1/4	118
By Prod Co.	46	49	Niag. A. pf	80	85
By Prod Co. pf	102	105	N. J. Zinc	203	208
Caleo Chem pf	25	35	Parke, Davis & Co.	114	—
Canad Ind. /s	10 1/4	—	Fenn Salt	71	—
Canad Salt	105	115	*Peoples Gas Chl	120	120 1/4
Casolin Co.	150	160	Procter & Gamble	145	150
Celluloid Co.	22	25	Procter & Gam. pf	158	158 1/4
Celluloid Co. pf	65	70	Royal Bkg. Powd.	150	160
*Certain-teed Prod	41 1/4	41 3/4	Royal Bkg Powd. pf	100	102
Charcoal Iron	16	20	Shawinigan	170	—
Chem. Mfg. Co.	68 1/4	69	Sherrin-Wil let pf	106	110
Chem. Mfg. pf	115	—	Silica Gel	20	—
Clark Co. Prod	2 1/4	4	Squibb & Sons	45	—
Cleve Cluff Iron	70	75	Squibb & Sons pf	120	—
*Com. Solt. A	128 1/4	129 1/4	*Sterling Prod	80 1/4	81 1/4
Do B	128	130	Swan & Finch	19 1/4	21
*Corn Products	38 1/4	39 1/4	Swan & Finch pf	20	30
*Corn Products pf	124	126	*Tenn C & Chem	11 1/2	12
*Darlson Chem	35 1/4	36	*Tex Gulf Sul	135 1/4	135 1/4
*Darlson Chem pf	43 1/4	43 1/4	Union Carbide	82	82 1/4
Dow Ch. pf	98	102	*Un Drug	142 1/2	143
Dow Drug Co.	140	—	*Un Drug 1st pf	58	57
Dow Drug Co. pf	105	108	*Un Dyewood	10	12
*Du Pont Deb.	100 1/4	101 1/4	*Un Dyewood pf	59 1/2	—
*Du Pont de Nem	206 1/4	206 1/4	Un Gas Imp	128	132 1/4
*Eastman Kodak	109 1/4	109 3/4	Un Gas Imp, pf	88 1/4	—
*Eastman Kodak pf	113	—	U S Gypsum	154	155 1/4
*Preport Tex	29 1/4	30 1/4	*U S Indus Al	53	54 1/4
*Gen Asphalt	68	69 1/4	*U S Indus Al pf	100	101 1/4
*Gen Asphalt pf	105 1/4	107	Va Car Ch	17 1/4	18
*Gold Dust	46 1/4	47 1/4	Va car Ch 6% w.d.	58	58 1/4
Graselli	129	130	Vick Chem	45 1/4	45 1/4
Graselli, pf	101	103	Will & Baxmer	16 1/4	—

*Listed on New York Stock Exchange

*Listed on New York Stock Exchange

MATHIESON EARNS \$2.31 FOR FIRST QUARTER

Earnings For Year Expected to Go Over \$10 a Share—
Well in Excess of \$4 Annual Dividend Requirements
—Further Outlay of Capital Anticipated

Mathieson Alkali Works, Inc., earned \$384,281 after depletion, depreciation, and Federal tax provisions, for the quarter ending March 31. This is equal to \$2.31 a share on the outstanding common stock. It is expected that the company will return between \$10 and \$12 a share on the common stock for the full year. Banking interests associated with the company state that the present basis will be maintained throughout the year despite the favorable earnings, which are materially in excess of the common dividend requirements of \$4 a share annually, because of the fact that the company still has plans which will call for a considerable outlay of capital. Dividends were resumed on the issue last year after a lapse of seven years.

Within the last two years, Mathieson had added materially to the list of products that it manufactures and these will substantially increase earnings. Principal among these new products is synthetic ammonia, which is now being produced at the Niagara Falls plant.

According to the "Wall Street Journal," "the completion of the manufacturing facilities at this unit now places Mathieson in the enviable position of being the lowest cost ammonia producer in the country. As this chemical is being manufactured from a hitherto waste product, the effect on earnings will be doubly reflected. The record of the organization under the present management has been one of consistent progress toward a financial and physical condition that even this conservative management can regard as satisfactory."

The current assets at the close of the year 1925 totaled \$3,164,000 and similar liabilities only \$889,000, leaving \$2,274,663 of net working capital. The company has no funded, mortgage or bank debt. The only capital liability ranking ahead of the 147,207 shares of common stock, is the 25,000 shares of 7% preferred stock.

Texas Gulf Sulfur Co. reports net earnings for the first quarter of 1926 of \$1,930,624, equivalent to \$3.04 per share, against earnings for the corresponding period of 1925 of \$1,413,093, equivalent to \$2.22 per share. Reserves have been increased during the first quarter of 1926 by \$122,741, making a total of \$6,406,051 for depreciation and Federal taxes.

Packard Mills, Inc., in their annual statement announce total assets of \$337,186. Of this amount real estate was valued at \$79,084; machinery \$85,192; autos, trucks and teams, \$1,735; merchandise, \$143,879. Liabilities listed include common stock, \$75,000; reserves, \$44,397; surplus, \$217,789.

Beach Soap Co., Lawrence, Mass., reports surplus of \$66,911 as of Dec. 31 last. Statement shows cash \$4,576, notes and accounts receivable of \$39,508, securities \$51,552 and merchandise \$118,994. Accounts payable are shown as \$20,317 and notes payable \$70,000. Company is capitalized at \$268,100.

Globe Chemical Co., Boston, in a financial statement shows surplus of \$16,384 as of Dec. 31, 1925. Assets include cash \$10,142, accounts receivable \$7,421, securities \$21,805, and merchandise \$2,264. Formulas are valued at \$159,527. Accounts payable amount to \$1,476.

Edward F. Atkins has sold his interest in E. Atkins & Co. to Frank G. Lowry and Eugene V. R. Thayer, who in turn have sold part of their holdings to Horace Havemeyer.

New Incorporations

Gminder Textile Research Co., New York, \$100,000; E. Gminder, H. F. Marthaus, H. S. Otto.

Mitchell Paper Stock Co., New York, \$25,000; L. B. Mark, S. W. Finkelstein.

Albion Limer Co., Albion, N. Y., paper, 1,250 shares common, no par; A. and F. A. Read, Jr., A. M. Andrews.

Kathrine Gold Mining Co. of Delaware; Dover, Del., \$3,000,000.

Lindley Reduction Corp. of New York City; Dover, Del., minerals, \$2,000,000.

Barton Paper Mills, Inc., \$100,000; Wilmington, Del., Lilburn Chandler.

Valier & Spiers of New York, Dover, Del., grains, coals, \$5,000,000.

Kansas Flour Mills of New York, Dover, Del., grains, coals, \$5,000,000.

Marvel Laboratories, Wilmington, Del., \$750,000.

Galt Brown Co., Wilmington, Del., minerals, \$500,000.

Rainbow Mining Co., Wilmington, Del., gold and silver; \$250,000.

Geiger & Ash, New York; \$50,000; paper, A. Geiger, S. Ash, J. Klaw.

N. Diamond & Co., New York; \$100,000; Crude rubber, H. M. Hart, J. Cross, B. Lee.

Mennen & Schapin, Brooklyn, N. Y.; \$20,000; Chemists, B. Schapin, O. and C. Mennen.

Greenco Products Co., Brooklyn, N. Y.; \$10,000; soap; S. B. Green, M. and M. Eskanazi.

Garfield Paper Mills, Garfield, N. J.; \$50,000; Max Politinsky, Jacob Politinsky, Irving Politinsky.

Newark Supply Co., Wilmington, Delaware; \$500,000; fuel gases, oil and other mineral substances.

The Medical Oxygen Co., of Philadelphia, Wilmington, Delaware; \$30,000, chemicals.

Ice-Less Refrigeration Co., West New York, N. J.; \$125,000; Emile J. Fricker, Harold F. Tidwell, William Boss.

Aluminum Chloride Oil Refining Co., Dover, Delaware; \$1,000,000.

Whitlow Manganese Co., Wilmington, Delaware; \$100,000.

Glebas Importation Co., New York; toilet preparations, \$50,000. G. H. Betts, R. L. Mumpeton, F. J. Danaher.

Goldstein Bros. Chemical Corp., New York; \$10,000; B. L. Myers, O. and W. Goldstein.

American Textile Converters, West New York, N. J., \$200,000 in preferred and 4,000 common no par; Carl Mohr, Jr.; James J. Langan, Adeline R. Thomas.

West Coast Chemical Products Corp., Wilmington, Delaware; \$100,000.

Caley Co., Wilmington, Delaware; chemical products, \$5,000.

Medical Oxygen Co. of Philadelphia, Wilmington, Delaware; chemicals; \$201,000.

Old Colony Products Co., of Fall River, Mass., in a statement recently filed shows a loss of \$3,664 as of Dec. 31 last. Cash on hand was \$12,288, accounts receivable were \$5,262, notes receivable \$6,400. Accounts payable were \$18,535. Company is capitalized at \$231,800.

Paraffine Co., Inc, stockholders have approved a plan to withdraw preferred stock preferences and retire the issue by call or conversion. The call price has been raised from \$110 to \$115, with immediate option of call or conversion at the rate of 1 1/4 shares of common for each share of preferred.

Brown Co. has called the following outstanding bonds of the company for redemption on the dates named: series A 6% gold debenture May 15; series B 6% gold debenture Sept. 15; series C 6% gold debenture July 15; first mortgage 6% serial gold bonds Sept. 15.

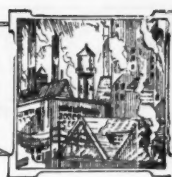
Pyrene Mfg. Co. reports net earnings for 1925 as \$318,894, after all deductions, or the equivalent of \$2.17 per \$10.00 share. This compares with \$230,413 or \$1.57 a share in 1924.

General Refractories Co. report total net income of \$1,952,874 for the year 1925, as compared with \$1,359,283 for the preceding year.



Industrial Chemical

SECTION



Rule Duty on Coal-Tar Dyes not Retroactive

Court of Customs Appeals Rules Against Government in Sandoz Case—Government Claimed New Standards Were Applicable Prior to Importations—Decision of General Appraisers Sustained

The United States Court of Customs Appeals decided against the Government in a decision handed down on April 17 in the case of the United States vs. Sandoz Chemical Works.

The issue in this appeal was whether, in ascertaining the weight of coal-tar dyes for dutiable purposes, standards established by the Secretary of the Treasury are applicable to importations made prior to the time such standards were established.

The importers protested that such standards did not apply to this importation, and the Board of General Appraisers sustained the protest.

In affirming the judgment of the Board, Judge Orion M. Barber delivered the opinion of the court, which follows in full:

This is an appeal by the Government from a judgment of the Board of General Appraisers sustaining the importers protest on a consumption entry.

The only question is whether certain imported coal-tar dyes, dutiable under paragraph 28 of the Tariff Act of 1922, shall pay the specific duty of 7 cents per pound upon the number of pounds actually imported or upon a greater weight ascertained in the manner hereinafter described.

The paragraph provides that the dyes in question shall pay a specific duty of 7 cents per pound.

Provided, that the specific duty of 7 cents per pound herein provided for shall be based on standards of strength which shall be established by the Secretary of the Treasury, and that upon all importations of such articles which exceed such standards of strength the specific duty of 7 cents per pound shall be computed on the weight which the article would have if it were diluted to the standard strength, but in no case shall any such articles of whatever strength pay a specific duty of less than 7 cents per pound.

Provided further, that in the enforcement of the foregoing provisions in this paragraph the Secretary of the Treasury shall adopt a standard of strength for each dye or other article which shall conform as nearly as practicable to the commercial strength in ordinary use in the United States prior to July 1, 1914 that if a dye or other article has been introduced into commercial use since said date then the standard of strength for such dye or other article shall conform as nearly as practicable to the commercial strength in ordinary use; that if a dye or other article was or is ordinarily used in more than one commercial strength, then the lowest commercial strength shall be adopted as the standard of strength for such dye or other article.

The Secretary of the Treasury first established standards of strength as provided in the above paragraph August 14, 1923, T. D. 39765. Those were superseded by others May 17, 1924, T. D. 40192.

Certain of the entries covered by the protests in this case were, the Government concedes, made and liquidated prior to the date when such standards of strength were first established. Pursuant to the Government's suggestion, that they are not involved in this appeal, we dismiss them from consideration.

All the remaining entries were made prior to August 14, 1923, and all were liquidated after that date but prior to May 17, 1924. Some were appraised prior to August 14, 1923, and others were appraised after that date.

The Government contends that the dyes covered by these appeals or their counterparts were listed under the standards of strength first established by the Secretary of the Treasury and that in determining the dutiable weight thereof, it was lawful to employ such standards.

Importer contends that such standards do not cover or relate to the dyes here but, in view of the conclusion hereinafter reached, we find it unnecessary to consider these differing views.

The primary question to be considered is whether the standards first established by the Secretary are applicable to importations theretofore made? We think that question must be answered in the negative.

The general rule, established by numerous authorities, is that the right to duties on imported merchandise accrues to the Government and the obligation to pay the same to the importer, at the moment the merchandise is imported, the rate and amount thereof to be duly determined under the law in force at the time of importation, the quantity or weight of such merchandise upon which duty can be taken being actually imported. *Lawder v. Stone*, 187 U. S. 281; *United States v. Shallus*, 2 Ct. Cust. Appls. 332, and cases cited. See also *Downing & Co. v. United States*, 11 Ct. Cust. Appls. 310.

This general rule is subject to the proviso that Congress may declare, by a subsequent statute designed to operate retrospectively, that merchandise which has been imported but is in customs custody at the time such statute becomes operative, shall be subjected to the duties imposed thereby, whenever such statute clearly shows that intent. *Diasna v. United States*, 12 Ct. Appls. 280 and cases cited.

In *Kuttruff, Pickhardt & Co. v. United States*, 12 Ct. Cust. Appls. 447, it was contended by importers that the specific duty of 7 cents per pound could not be imposed on dyes covered by paragraph 28 because, at the time of their importation, the standards of strength had not been established.

Palmer Menhaden Products Corp., which was formed in Baltimore not long ago by the Messrs. Gascoyne, analytical chemists, and others, will open an office in that city about May 1 at 27 South Gay st. The plan is to establish and operate fish factories on the Chesapeake and Delaware bays.

The Heavy Chemical Market

Chemical Current Spot Quotations for Heavy Chemicals, see pages 1250-1268

COPPER SULFATE FIRM AT \$4.75 100 LBS.

Lead Acetate Reduced $\frac{1}{2}$ c lb—Potassium Bicarbonate Lower—Barium Salts Firm—Ammonia and Derivatives Are Unchanged—Oxalic Acid Firmer—Market Generally Strong With Buying Showing Slight Decline at the End of Month

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced

Copper Sulfate, 10c 100 lbs.

Declined

Lead Acetate, $\frac{1}{2}$ c lb.

Potassium Bicarbonate, 1c lb.

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acetic Acid, Glacial lb.	\$1.11 $\frac{1}{2}$	\$1.11 $\frac{1}{2}$	\$1.11 $\frac{1}{2}$	\$1.11	\$1.19 $\frac{1}{2}$	\$1.07
Sulfuric Acid, 66° ton	14.00	14.00	14.00	14.00	55.00	20.00
Ammon Sulfate ..100lbs	2.65	2.75	2.95	2.75	7.50	2.65
Bleaching Pdr, 100 lbs.	2.00	2.00	2.00	1.90	9.50	1.50
Cooper Sul c-1 ..100lbs	4.75	4.65	4.37 $\frac{1}{2}$	4.65	20.00	4.60
Potash, Caustic, Imp. lb.	.071 $\frac{1}{2}$	.071 $\frac{1}{2}$	.071 $\frac{1}{2}$	.071 $\frac{1}{2}$	.87	.08
Soda Ash, 58 p.c. 100lbs.	1.94	1.94	1.94	1.94	3.50	.60
Caustic Soda, 76p.c. 100lbs.	3.66	3.66	3.66	3.66	9.50	1.42
Potassium Bichromate lb.	.08 $\frac{1}{2}$	.08 $\frac{1}{2}$	.08 $\frac{1}{2}$	.08 $\frac{1}{2}$	4.65	.06 $\frac{1}{2}$
Sodium Prussiate lb.	.10	.10	.10	.09 $\frac{1}{2}$	1.25	.18
Average	2.937	2.932	2.915	2.926	10.79	2.99

Copper sulfate strengthened further during the past week and is still the outstanding item in the heavy chemical group. Demand is heavy and supplies in makers' hands are small. The remaining products present a firm tone for the most part, although some slight downward revisions in prices are recorded in a few cases. Barium salts are being maintained firmly at unchanged prices on spot. Ammonia and its derivatives are absolutely unchanged. Chlorine is in free supply but makers are firm at their schedules. All chlorine derivatives are moving in good tonnage at firm unchanged prices. Prussiates and bichromates are steady with a moderate routine demand reported by makers. Arsenic is firm with a steadily increasing demand reported. Oxalic acid is exceedingly firm and imported material is very scarce. Chlorates are firm at unchanged prices. Lead acetate is lower.

Acetone—Ready outlet reported by makers for all offerings. Prices are firm and unchanged.

Acid Acetic—Makers report a steady routine demand. Prices are being well maintained at schedule.

Acid Formic—Heavy arrivals have about satisfied the demand and goods are available with the market generally easier.

Acids Mineral—Quotations on sulfuric, muriatic and nitric acids are firm and unchanged. Makers continue to hint at an advance due to the high prevailing prices for sulfur and indicate that such a move is imminent.

Acid Oxalic—Domestic makers are supplying the bulk of the requirements and imported goods are scarce. Domestic quotations are unchanged at 10 $\frac{1}{4}$ c@11c lb, but it is doubtful if any imported goods can be bought under 11 $\frac{1}{4}$ c lb.

Alum Potash—Market is fairly steady. Offerings are large.

Ammonia Anhydrous—Movement is increasing with

the approach of the warm weather. Quotations for cylinders remain at 13c@15c lb delivered.

Ammonia Aqua—Steady market is reported. Quotations show no variation in any quarter.

Ammonium Chloride—Both importers and domestic makers quote firm unchanged prices on both white and gray grades. Demand is of fair routine volume.

Ammonium Persulfate—Demand is good. Prices firm and unchanged at 25c@30c lb as to quantity for domestic material.

Arsenic—Seasonal demand increasing. Domestic material is firm at 3 $\frac{1}{2}$ c lb for carlots, and up to 4c lb for less carlots. The market is tending upward.

Barium Salts—Chloride is firm and unchanged, at \$63.00 ton for carlots of bags at works, and \$65.00 ton for barrels. Carbonate is unchanged at \$52.00 ton at New York, and \$47.00 ton at Baltimore. Nitrate is easy at 7c@7 $\frac{1}{2}$ c lb on spot and 7 $\frac{1}{4}$ c lb for shipment.

Calcium Chloride—Seasonal demand is increasing and makers are firm at unchanged prices.

Copper Sulfate—A further advance was made by makers on Friday last and carlots are quoted firmly at \$4.75 100 lbs. for both large and small crystals. The market is very strong at that price.

Epsom Salts—Domestic makers and importers name firm unchanged prices on both technical and U. S. P. grades.

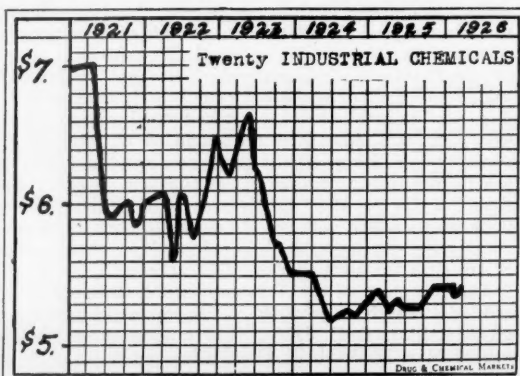
Glauber's Salts—Competition among domestic makers continues and prices below \$1.00 100 lbs. are heard. Quotations are given at \$1.05 for carlots of bags, and \$1.10 for barrels.

Lead Acetate—Makers have reduced quotations on all grades $\frac{1}{2}$ c lb following the reductions in metal quotations. The change was effective last Friday. Quotations are as follows: white crystals 14c@14 $\frac{1}{2}$ c lb; white broken 14 $\frac{1}{2}$ c@15c lb; white granular 14 $\frac{1}{2}$ c@15c lb; white powder 14 $\frac{1}{4}$ c@15 $\frac{1}{4}$ c lb; brown broken 13c@13 $\frac{1}{2}$ c lb.

Manganese Chloride—Quotations are firm and unchanged at 8c@8 $\frac{1}{2}$ c lb from importers.

Nickel Salts—Quotations are firm and unchanged in all directions for both the single and double salts.

Potassium Chlorate—Domestic quotations are firm at 8 $\frac{1}{2}$ c@9c lb. Importers name 8 $\frac{1}{4}$ c@8 $\frac{3}{4}$ c lb.



Potassium Bicarbonate—Market is lower and U. S. P. crystals are obtainable at $7\frac{3}{4}c@8\frac{1}{4}c$ lb in casks as to quantity. Powdered in kegs is offered at $10c$ lb, and granular in kegs at $10\frac{1}{2}c@11\frac{1}{2}c$ lb.

Potassium Bichromate—Demand is of fair volume with makers maintaining prices at unchanged figures.

Potassium Prussiate—Makers and importers name unchanged prices of $18c@18\frac{1}{2}c$ lb.

Soda Caustic—Quotations are unchanged and no more than usual quantity shading is reported. Demand is good.

Sodium Chlorate—Demand is of good volume. Maker names $6\frac{1}{4}c@6\frac{1}{2}c$ lb and imported material is offered at the same figures.

Sodium Fluoride—Market is steady at unchanged figures.

Sodium Prussiate—Makers are firm at unchanged prices of $10c@10\frac{1}{2}c$ lb as to quantity. Demand is excellent.

Sodium Silicofluoride—Quotations are firm and unchanged at $4\frac{1}{2}c@5c$ lb as to quantity. Demand is of large volume.

Sodium Sulfide—Excellent demand is reported by all factors and prices on all grades are very firm in all directions.

NEW ALSATIAN POTASH CONCERN FORMED

Washington, D. C., April 28—The steady growth in the domestic and foreign markets for Alsatian potash has stimulated drilling outside the chartered field northwest of Mulhouse, and the results of the prospecting by the Societe d'Etudes de Potasse d'Alsace in a section of about 1,600 hectares, 15 kilometers northeast of Mulhouse, have led to the formation of a company known as the Cie de Mines de Potasse d'Alsace, according to a report to the Department of Commerce from Trade Commissioner Daniel J. Reagan, Paris.

Four soundings were made on this property, each of which disclosed potash deposits, at depths varying from 650 to 790 meters. The depths of these veins are inferior to the Ensisheim mines of Kali Sainte-Therese, and are less than the average depths of the exploitations operated by the State. The cores disclosed thickness running from 1.2 meters to 1.8 meters with a potash content of 15 per cent. The exact area of a concession known as Blodelsheim, which was granted by a decree of August 21, 1925, contains 1,556 hectares. It is crossed by the Rantzenheim-Meufbrisach railway and it is midway between the Rhone canal and the Rhine.

For the operation of the Blodelsheim Concession it is planned to sink two shafts, each of which it is estimated will permit the mining of 100,000 tons of crude salts annually, or a total of 200,000 tons. The estimated cost of these installations is 40 million francs. Adding to this the cost of rolling stock and the expense of incorporation and directing the installation before actual operations begin, the capital required will be at least 45 to 50 million francs.

It is said to be estimated in France from the drillings so far made, that this concession contains at least 15 million tons which, with an annual extraction of 200,000 tons would permit its exploitation over a period of 75 years.

Drug & Chemical Club, New York, will open tomorrow at their new headquarters on the 13th floor of the National Board of Fire Underwriters Building, 85 John street.

The Society of Chemical Engineers of Canada will hold its annual convention in Windsor Hotel, Montreal, May 31 to June 2, inclusive.

BARIUM CHLORIDE LOWER IN HAMBURG

Market Slightly Improved With Unimportant Price Variations—Epsom Salts and Potassium Permanganate Lower—Potassium Bicarbonate Higher—Salt Cake and Calcium Chloride Decline—Aluminum Sulfate, Bromides, Caustic Potash and Sal Ammoniac Steady
(Special to DRUG & CHEMICAL MARKETS)

Hamburg, Germany, April 28 (By Radio)—The chemical market has improved slightly. Price fluctuations are slight and unimportant. Lower prices are named on barium chloride, calcium chloride, epsom salts, potassium permanganate, salt cake and antimony oxide. Makers quote higher prices on potassium bicarbonate. Steady markets at unchanged prices prevail in aluminum sulfate, bromides, caustic potash and sal ammoniac.

Hamburg, April 19 (By Mail)—Chemical Market: Business in general is quiet and only the means granted by the Government have stimulated business to Russia to some extent. It seems, however, that also this business is not so big, as the German banks are very careful with regard to accepting the drafts drawn upon the Russian Government. The big banking concerns have engaged themselves for certain amounts so that they will not take an additional risk with single exporters to Russia. It may be that business with Russia will become easier as soon as the big insurance companies have come to a conclusion regarding underwriting for export to Russia; at present their waiting tendency is dictated in the first line by political reasons. We may say that our prices are showing a weaker tendency than during the weeks before.

Permanganate of potash: The asking prices of our factories are between \$20 to \$21 per 100 kilos f. o. b. Hamburg; the orders, however, prescribe limits of about \$19 which cannot be touched here.

Bromides: Are neglected. Small quantities have been sold at \$62 for potassium bromide and at \$69.50 for sodium bromide per 100 kilos.

Oxalic acid: There was only a small business at prices from £23 10s to £24 per 1,000 kilos.

Sodium sulfide: 60-62% fused: Competition is still very keen and business remains unsatisfactory. Price is £8 10s per 1,000 kilos.

Carbonate of potash: The demand has slackened and business is not nearly as good as it had been during the fortnight before.

Potash alum: There is still a good demand at unchanged prices, in pieces: £7 2s 6d per 1,000 kilos; granular: £6 17s 6d per 1,000 kilos.

Chlorate of potash: Though prices remain unchanged at \$13 to \$13.25 per 100 kilos there is practically no business at present.

Barium chloride cryst.: There are sufficient offers at present at \$4.15 per 100 kilos which do not find buyers.

Calcium chloride 70-75% fused: The demand is discontinued; goods are offered slightly below £4 per 1,000 kilos.

Hyposulfite of soda: Is weaker. Commercial goods are offered at £7 per 1,000 kilos.

Superfos Co., now located at 25 Spruce st., New York, will move its offices on May 1 to 535-537 Pearl st., corner Elm st., New York, where the company will have at its disposal an entire floor of 3,000 square feet. Greatly increased facilities including a laboratory and warehouse space will be gained by the removal.

George A. Beatty has resigned from Mathieson Alkali Works, Niagara Falls, to accept a position as chemist in charge of extract and syrup making for Canada Dry Ginger Ale Co., Hudson, N. Y.

The Intermediate and Dye Market

Current Spot Quotations for Intermediates, see Chemical pages 1250-1328

INTERMEDIATE PRICES REMAIN UNSTEADY

Makers Continue to Compete Sharply on Many Products—Demand is of Moderate Volume—Para-Nitroaniline Moving at Varying Prices—Light Oil Distillates are Firm—Benzene Tending Upward—Toluene Steady—Naphthalene Active—Pyridine Firmer.

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Trend of the Market						
	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Advanced						
Pyridine, 5c gal.						
Declined						
Cresylic Acid, 3c gal.						
Benzene, pure gal.	.24	.24	.23	.23	1.10	.25
Naphthalene flake . . . lb.	.0534	.0534	.06	.05	.16	.03
Phenol Spot lb.	.22	.22	.22	.24	1.50	.08
Toluene gal.	.35	.35	.35	.26	—	—
Aniline Oil lb.	.16	.16	.16	.16	1.40	.10 1/2
Alpha-naphthylamine lb.	.35	.35	.35	.35	1.28	—
Benzaldehyde lb.	.70	.70	.70	.70	—	—
Betanaphthol lb.	.24	.24	.24	.24	1.50	.08
Dimethylaniline lb.	.30	.30	.30	.33	1.30	—
Paranitroaniline lb.	.48	.48	.48	.60	1.58	.18
Average	0.310	0.310	0.309	0.316		

Demand for coke oven light oil distillates continues of sufficient proportions to absorb all offerings and maintain prices at unchanged figures. Benzene production is being curtailed slightly, and motor fuel blenders are increasing their demands with the approach of warm weather. Industrial demand shows no abatement. A further advance in quotations is likely within a month. Toluene is available in most directions but prices are firm and demand has improved. Solvent naphtha and xylene are still in scant supply. Pyridine supplies are plentiful but are in firm hands and spot quotations are firm at slightly higher figures, although shipment is lower. Naphthalene is in active seasonal demand at unchanged prices.

Intermediates are generally weak in prices. Demand is fair but competition is exceedingly sharp and price-cutting is the rule. The preliminary survey of dye manufacture in this country for 1925 shows an increase in tonnage of sales for the year of 22 per cent, with an increase in value of only 5 per cent. The intermediate business is in a similar position.

Crudes

Benzene—Demand is excellent and prices are firm and unchanged. Motor fuel blenders are demanding increased quantities and production is showing the usual decline at this time of the year. Further advances are anticipated within a month. Quotations are given at 24c gal. for tanks of pure and 90% at mills. Drums are offered at 5c gal. premium.

Cresylic Acid—Increased arrivals have caused a recession in spot prices and lots of 97-99% pale acid are offered at 57c@65c gal. as to quantity and seller. Shipment is offered at 55c gal.

Naphthalene—Active seasonal buying is reported but

prices are unchanged at 5 3/4c lb for flake, and 6 3/4c lb for balls.

Phthalic Anhydride—Market is steady at unchanged prices. Demand is good.

Phenol—Dull situation is reported but routine demand is fair and prices are firm and unchanged.

Pyridine—Spot stocks are of good proportions but are in firm hands. Quotations are given at \$4.00 gal. for spot. Shipment is lower at \$3.75 gal.

Solvent Naphtha—Demand is in excess of supplies and nominal quotations are unchanged.

Toluene—Demand has increased. Market is steady at unchanged prices although supplies are readily available.

Xylene—All grades are quoted nominally unchanged. Demand is in excess of supplies.

Intermediates

Acid Anthranilic—Refined 99% material is firm and unchanged at \$1.00 lb for 100-lb. lots, and 98c for 1,000-lb. lots.

Acid Gamma—Market remains sharply competitive and shading is reported. Open quotations are given at \$1.25 @ \$1.30 lb.

Acid H—Ton lots and less are quoted at 63c@68c lb, with sales of carlots reported at 55c lb. Market is very competitive.

Acid Monosulfonic—In fair demand at \$1.65 lb.

Acid Tobias—Steady movement reported at 85c lb for single barrels.

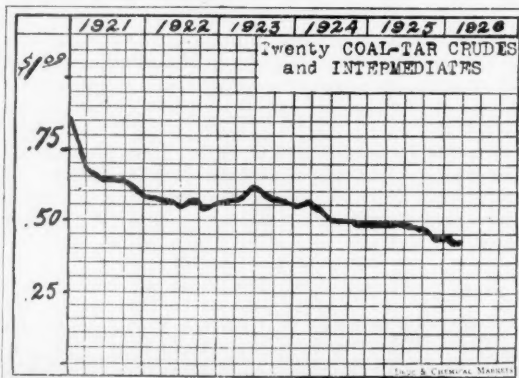
Alpha-Naphthol—Quotations are fairly steady at 35c @ 37c lb.

Aniline Oil—Demand is excellent but competition is sharp. Some smaller makers are attempting to increase their output by shading the schedule.

Benzidine—Severe competition is reported by makers. Prices are barely steady at last week's reduction to 70c @ 72c lb.

Beta-Naphthol—Demand is good at firm prices of 22c lb for carlots, and 24c lb for single barrels.

Dimethylaniline—Fairly steady price situation reported. Quotations remain at 30c lb for carlots, and 31c@32c lb for less carlots.



The Oil Market

Current Spot Quotations for Oils, Greases, page 1169

COTTONSEED OIL UP SHARPLY; CRUDE 11 3/4c

Chinawood Oil Recovers—Linseed Oil Sharply Higher—Rapeseed Oils Firmer—Vegetable Oil Market Dull, But Firmer—Animal Oils Weak—Tallow Sells at 8c lb.—Red Oil and Stearic Acid Lower From Makers—Fish Oil Prices Steady and Unchanged

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced		Declined	
Chinawood Oil, 3/4c lb.	Cottonseed Oil, P.S.Y. 1 1/4c lb.	Red Oil Distilled, 1/2c lb.	Stearic Acid, Double Pressed, 1/2c lb.
Corn Oil, 3/4c lb.	Linseed Oil, 0.4c lb.	Tallow 3/4c lb.	
Cottonseed Oil, Crude 1 1/4c lb.	Rapeseed Oil, Japanese 2c gal.		
Trend of the Market			
	Today	Last Week	Last Month
Cod Oil, N Y gal.	\$.68	\$.68	\$.68
Degras American, bbl. lb.	.04 1/2	.04 1/2	.04 1/2
Lard No. 1 gal	.84	.85	.89
Menhaden, crd., tbs gal.	.55	.55	.55
Neatsfoot 20° ct .. gal	1.40	1.40	1.43 1/2
Red Oil distilled lb	.10	.10 1/2	.10 1/2
Stearic Acid, T.P. ... lb	.16 1/2	.16 1/2	.16 1/2
Coconut Ceylon tbs .. lb	.10	.10	.10 1/2
Cottonseed crude tbs lb	.11 1/2	.11	.11
Linseed crude gal	.83 1/2	.80 1/2	.80 1/2
Olive, denatured gal	1.15	1.15	1.15
Peanut, refined lb	.15	.15	.15
Soya Bean bbls lb	.12 3/4	.12 3/4	.12 3/4
Average	4.81	4.78	4.88
			4.85
			5.92
			1.56

A substantial recovery in linseed oil quotations and a sharp advance in cottonseed oil prices were the features of the fatty oil market during the past week. Buying in linseed oil remains dull with buyers apparently waiting to see if the market has basic strength to hold it at the advance or to make it advance further. Cottonseed oil factors explain the strength in prices as being due to the unprecedented demand for lard compound. Compound is now selling in the retail market at higher prices than lard, and many are of the opinion that the wholesale market will soon follow suit. Refiners have the crude oil well in hand and are only selling at high prices. The crop is the largest on record with the exception of 1914. Other vegetable oils showed only slight changes in quotations with the general market still weak due to large stocks in importers' hands. Consuming demand is of good volume but the market remains in the sellers' hands due to their ability to locate sufficient supplies.

Animal products were weak during the past week. Open animal oil quotations are unchanged but further reductions are anticipated. Tallow sold at sharply lower prices but some makers refused to quote due to the lowness of prevailing prices.

Fish oil prices are being maintained without change in any direction on any product.

Vegetable Oils

Castor Oil—Quotations are firm and unchanged with demand of small routine volume.

Chinawood Oil—A slight recovery was registered during the week due to weak holders being somewhat unloaded. Tanks at Pacific Coast are bid at 9 3/4c lb, and

are held at 9 1/2c lb for positions through May. Spot tanks at New York are quoted nominally at 10 1/2c@10 3/4c lb. Barrels are held at 11 1/4c@11 1/2c lb.

Coconut Oil—Market is slightly firmer although prices on all grades show no appreciable change.

Corn Oil—Increased firmness is noted due to the strengthening in cottonseed oil quotations. Tanks are quoted at mills at 10 1/4c lb.

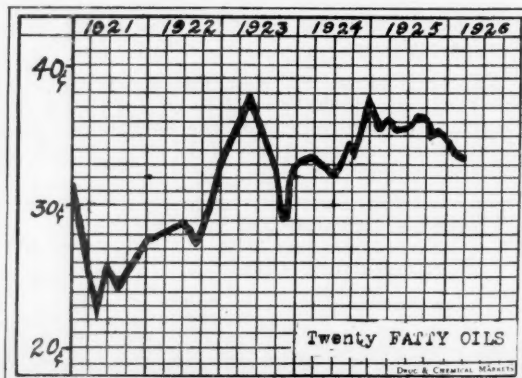
Cottonseed Oil—Market is sharply higher with crude bid at 11 3/4c lb and no takers. Spot prime summer yellow sold Monday at 12 3/4c lb. Other positions opened the week as follows: April 12 3/4c lb bid, 13 1/4c asked; May 12.81c bid, 12.86c asked; June 12 1/2c bid, 12.9c asked; July 12.44c bid, 12.77c asked; Aug. 12 1/2c bid, 12.55c asked; Sept. sold at 12.45c@12.46c; Oct. 11.7c bid, 11 3/4c asked; Nov. 10.95c bid, 11c asked. Hull quotations on Monday were 36s for crude and 39s 6d for prime summer yellow. The excellent demand for compound with compound retailing higher than lard is responsible for the strength of the market. Crude oil is firmly held by refiners and the future of the market lies in a continuance of demand for compound.

Linseed Oil—A sharp recovery that sent quotations above 11c lb for the first time in a long while, was recorded during the week. Crushers name open quotations of 11.1c lb for carlots of barrels on spot or for April-June shipment, and 11.2c lb for July-Aug. shipment. Shipments from Argentina continue heavy with 2,000,000 bushels shipped during the past week resulting in a decline in visible supplies of 400,000 bushels. Buying is slight with consumers apparently waiting to see if the strength of the market is permanent. Seed markets opened the week as follows: Winnipeg May \$1.99 1/2; July \$2.01 1/2; Oct. \$2.04; Duluth May \$2.33 3/4; July \$2.35 1/2; Sept. \$2.38; Oct. \$2.34 1/2; Minneapolis May \$2.36; July \$2.39 1/2; Buenos Aires May \$1.56 3/4. London quotes oil at 30s 9d, and Antwerp at 400 frs.

Olive Oil—Easy condition continues with denatured oil freely offered at \$1.15@1.20 gal., and shading to \$1.10 reported.

Olive Oil Foots—Steady price condition reported throughout the week at unchanged figures of 8 1/2c@8 3/4c lb for spot and shipment.

Palm Oil—Quotations are unchanged on both Niger and Lagos and the market is easy.



Perilla Oil—Barrels are offered lower on spot at 13¼c @13¾c lb.

Rapeseed Oil—Japanese oil is firmer at 88c@90c gal. as to quantity. English oil is firmly held at 92c@93c gal. Blown is quoted at \$1.12 gal.

Soya Bean Oil—Market is slightly higher and much firmer. Tanks of crude held at 10½c@10¾c lb at Pacific Coast; and 10¾c lb at New York. Barrels are quoted at 12½c@12¾c lb.

Animal Oils

Greases—Quotations are unchanged but stocks are large and demand is slight.

Lard Oil—Makers name unchanged prices but report sharp competition for orders.

Neatsfoot Oil—Market is barely steady at unchanged prices.

Oleo Oil—Recent low prices are named by makers who report a slight demand.

Red Oil—Makers name lower prices of 9¼c lb for tanks of distilled, and 10½c@10¾c lb for barrels. Saponified is offered at 9¾c lb for tanks, and 10½c@11c lb for barrels.

Stearic Acid—Double pressed is lower from makers at 13¾c lb for carlots, and 14c@14¼c lb for less carlots.

Stearine Oleo—Market is unsteady at recent prices.

Tallow—Sharply lower prices were quoted during the week and sales were frequently made as low as 8c lb. At the opening of this week some makers refused to quote and claimed that they would not do business at prevailing figures.

HULL SEED AND OIL MARKET QUOTATIONS

(Special to DRUG & CHEMICAL MARKETS)

Hull, England, April 19—Linseed quieter. Bulls liquidating and sellers more willing to meet the market. Plate, spot £15, afloat £15 to £14 7s 6d. April-May £14 7s 6d. May-June, £14 10s, June-July £14 12s 6d. Calcutta: Spot £17 nominal, April-May £16 12s 6d. Bombay: Spot £17 10s nominal, April-May £17 2s 6d.

The shipments for the week ending April 8 were 34,650 tons (U. K. and orders 26,900, Continent 7,750, U. S. A. nil). Plate: London 3,600, Hull 2,100, orders and other U. K. ports 21,200, Continent 7,000, U. S. A. nil—total 33,900 tons against 28,300 last week, and 13,100 tons the corresponding week last year. Total to date (1926) 570,800 tons (Hull, 10,300) against 201,200 tons (Hull 7,000) same time last year. Calcutta: Nil. Bombay: U. K. ports nil, Continent 750—total 750. Indian shipments for the week, 750 tons against 8,900 tons same week last year. Indian shipments to date: 20,075 tons (U. K. 2,900, Continent 17,175) against 70,925 tons same time last year (U. K. 31,250, Continent 29,675).

Linseed afloat, 164,200 tons against 155,000 tons last week.

Cottonseed: The market is of a steadier tone with buyers showing some interest. Black: Spot £9 6s 3d. April to July £9 7s 6d paid. Sakels: Spot £8 15s April to July, £8 15s paid. Bombay neglected, spot £7 15s. April-May £7 10s.

Linseed oil: The market has advanced during the week on higher seed prices paid and speculative covering in oil. Trade demand, however, continues on very modest lines. Spot 29s 10½d; April 29s 10½d; May-Aug. 30s; Sept.-Dec. 30s 3d.

Cottonseed oil: Egyptian crude has again been in fair request, 36s and 35s 9d having been taken. The close is steady, with sellers rather reserved. Egyptian crude 35s 9d. Edible, 39s 3d. Bombay, crude, 35s. Soap refined, 38s 6d.

ITALIAN INDUSTRIAL OIL DEMAND FAIR

Some Prices Are Lower—Olive Oil Prices Sustained in Genoa—Crude Linseed Oil Quoted at 455 Lire—Palm Oil 555 Lire—Castor Oil 540 Lire

(Special to DRUG & CHEMICAL MARKETS)

Genoa, Italy, April 17, 1926—The demand for oils for producing soap, margarine, candles, paints, etc. is only fairly active, and some concessions in price are noted.

Quotations at Genoa are as follows per 100 kilos: Green olive oil, 435 to 440 lire; Italian beef tallow, 540 to 550 lire; bleached palm oil, 555 to 560 lire; white coconut oil, 585 to 590 lire; colophony, 290 to 320 lire; arachis oil, 590 to 620 lire; crude linseed oil, 455 to 460 lire; boiled linseed oil, 465 to 470 lire; colza oil, 630 to 635 lire; denatured colza oil, 520 to 530 lire; English castor oil, 540 to 545 lire.

Some c. i. f. Genoa quotations for industrial oils are as follows per ton: Soya oil, £46 to £47; arachis oil, £57 to £58; foreign tallow, £44 to £46; foreign bone grease, £39 to £40; Lagos palm oil, £40 to £40 1s; bleached palm oil, £45 to £45 1s 2d; foreign coconut oil £44 to £44 1s 6d; American colophony \$17. \$1 = 24.85 lire; 1 £ sterling = 120.75 lire.

Genoa, Italy, April 12—The request for Italian olive oils is still good, and the deliveries of the product in tins, bottles and kegs continues active. Prices remain sustained and are increased further in some cases. Buyers insist on ready deliveries.

Quotations are as follows per 100 kilos: Riviera Ponente fine new, lire 1,150 to 1,155; Bari extra, lire 1,070 to 1,080; Bitonto extra, lire 1,150 to 1,200; Molifetta extra, lire 1,150 to 1,200; Calabria extra, lire 1,100 to 1,200; Sardegna fine, lire 1,100 to 1,200; Toscana fine, lire 1,200 to 1,230; Lecce fine, lire 985 to 1,070; Bisceglie extra, lire 1,150 to 1,200; Andria extra, lire 1,150 to 1,200; Sicily extra, lire 975 to 990; Rome extra fine, lire 1,125 to 1,175; Abruzzi fine, lire 1,025 to 1,050; refined olive oil, lire 1,010 to 1,050.

Quotations for foreign olive oils c. i. f. Genoa, are in reduction. Some of them are as follows per 100 kilos:

Tortosa olive oil, pesetas 240 to 250; Aragona olive oil, pesetas 270 to 280; Borjas olive oil, pesetas 250 to 260; Andalusian olive oil, pesetas 235 to 255; Malaga olive oil, pesetas 212 to 214; refined Spanish olive oil, pesetas 240 to 245; Tunis olive oil, first quality, francs 1,040 to 1,050; Tunis olive oil, second quality, francs 970 to 1,000. \$1 = lire 24.85; 1 £ sterling = lire 120.75.

Sunlicht-Gesellschaft Aktiengesellschaft, Rheinau-Mannheim, Baden, the largest German producer of glycerin, soap, candles, etc., reports a loss of 1,046,086 marks. The condition of this concern which originally was a branch of Lever Bros., Ltd., England, is reported to be still good and prospects are satisfactory.

Burmah Candle Co., Ltd., has been incorporated in England with capital stock of £300,000 for the purpose of dealing in candles, night lights, oils, greases, glycerin, soap and other articles or substances for lightning, heating, cleansing, or lubricating purposes; also for toilet and other preparations.

G. W. Clark, formerly of the Goheen Corp., paint engineers, has been appointed manager in charge of maintenance and up-keep sales with headquarters at the Philadelphia office of the E. I. du Pont de Nemours & Co.

Taylor Reed Co., whose fish factory at Reedville, Va., was burned last winter, has purchased the establishment of the Virginia Fisheries Co., at Ditchley, Va., and will operate it during the next menhaden season.

Miscellaneous Raw Materials

Heavy Chemicals 1250-1268, Tan and Dyestuff 1250-1268, Fatty Oils, 1269

ALL GRADES ROSIN HIGHER AT NEW YORK

Downward Trend Finally Checked Here—Turpentine Lower on Spot—Dry Colors Moving in Good Volume—Fertilizers Quiet and Weak All Markets—Insecticide Demand Brisk—Antimony Unchanged But Weak—Dye and Tan Woods Neglected

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced	
Rosin B, 15c per 280 lbs.	Rosin G, 65c per 280 lbs.
Rosin D, 25c per 280 lbs.	Rosin H, 68c per 280 lbs.
Rosin H, 60c per 280 lbs.	Rosin I, 50c per 280 lbs.
Rosin M, 10c per 280 lbs.	
Declined	
Mangrove Bark, \$4.00 per ton	Wattle Bark, \$1.00 per ton
Myrobalans, 11½¢ \$1.00 per ton	Nitrate of Soda 2c per 100 lbs.
Valonia, mixtures 50c per ton	Sulfate of Ammonia, N. Y. 10c per 10.
Valonia cups, \$1.00 per ton	Turpentine N Y 3c per gal
Rosin, WW 10c per 280 lbs.	

The New York rosin market experienced a brace this week which was noticeable in all grades. Absence of news from the primary markets makes it difficult to gauge the immediate future trend of shipment lots. Turpentine was again weaker in New York which is attributed to the noticeable lack of buying interest. Dry color makers report an increased demand in all their items except chrome yellow, which continues weak. Vermilion has been advanced 5c per lb this week, but the interest continues routine. Fertilizers have experienced another quiet week here and reports state that the Baltimore and Southern markets are in the same position. Nitrate of soda and sulfate of ammonia, which are ordinarily moving in excellent volume at this season, are quiet and further reductions have been made to stimulate sales. Fish scrap is firmer both at the source and for shipment from Baltimore. Insecticides and fungicides are now at the peak of their season and sales are reported fully up to those of former years. This condition is expected to exist well into next month. Dyes and tan woods continue neglected, with a few parcels noted in the imports, but not enough is being done to hold the market steady. Antimony is likewise neglected by the consuming fields and the price is barely steady at the quoted market.

ACCELERATORS

Aldehyde Ammonia—Market unchanged and moving in fair volume at 80c@82c lb.

Diorthotolyl-Guanidine—Quiet and unchanged at the previous level of \$1.05@1.08 lb.

Diphenyl-Guanidine—Reported to be moving in better quantities at 85c@88c lb.

Ethylidene-Aniline—Market is generally quiet at 60c@65c lb as to quantity.

Hexamethylene—Quiet and unchanged at 80c@82½c lb.

Triphenyl-Guanidine—Is quoted at unchanged figures by makers who continue to report sales at 70c@75c lb.

ALBUMENS

Blood—Dealers report that the demand continues to exceed the available spot supply and that parcels are moving readily at 55c@60c lb.

Egg—Is none too strong on spot due to the situation at the primary market and with a good demand anticipated the market continues at \$1.00@1.05 lb, spot New York for edible. Technical is quoted at 95c lb New York.

INDUSTRIAL CHEMICAL SECTION

Vegetable—Market continues firm and unchanged at the former level of 60c@65c lb for edible and 50c@55c lb for technical.

COLORS AND PIGMENTS

Blues—Are moving in excellent volume this week and the tendency to cut prices has been less noticeable. The market continues to be quoted at 30c@33c lb, although the lower figure can not be generally done.

Chrome Yellow—Has not strengthened from its weak position and it is possible to buy in good-sized quantities at 16c lb, with the price ranging to 17½c lb, f. o. b. works.

Chrome Green—C. P. is characterized as in good demand in this section and orders are being taken at 27c@28½c lb, although it is still possible to shade the inside figure.

Toners—Are all moving in a manner quite satisfactory to the makers and sales are being made at the previous levels.

Vermilion—Due to the increase in price of quicksilver an advance in vermilion has been expected for some time and the advance has now taken place. The lowest quotations now heard is \$1.45 lb spot. The demand is only routine.

DYE AND TAN WOODS

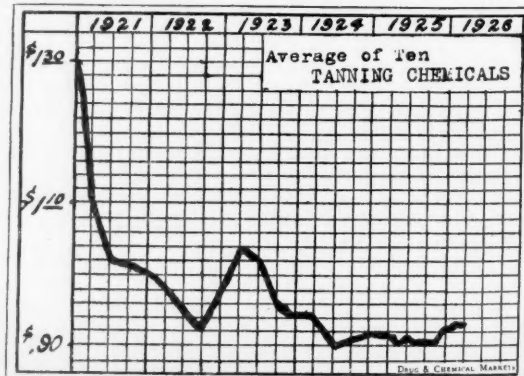
Divi Divi—Is characterized as quiet and unchanged at \$39.00@39.50 ton for shipment goods. Spot market is very quiet.

Mangrove Bark—Has declined sharply this week due to a lack of demand and is now named at \$35.00 ton for shipment parcels.

Myrobalans—Have eased off a shade since last reported and are available this week for shipment at \$29.00

Leather Chemicals

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acid, Acetic, 28%	\$3.24	\$3.24	\$3.24	\$3.12	\$17.00	\$1.50
Acid Formic, 90% ....	.11	.11	.11	.11	1.50½	.07
Acid, Lactic, 22% dark ..	.05½	.05½	.05½	.05½	.07	.02
Potassium Bichromate ..	.08¾	.08¾	.08¾	.08½	.65	.06¾
Epsom Salt, tech	1.70	1.70	1.70	1.70	3.75	1.00
Sodium Prussiate ... lb.	.10	.10	.10	.09½	1.25	.18
Soda Ash, 58% wts ...	1.38	1.38	1.38	1.38	4.10	.69
Sodium Bichromate ....	.06¾	.06¾	.06¾	.06½	.45	.04½
Sodium Hyposulfite, pea	2.50	2.50	2.50	2.50	3.75	1.80
Sodium Sulfide, 60% wts	.04	.04	.04	.04	1.10½	.02¾
Average .....	.928	.928	.917	.927	3.267	.528



@\$31.00 ton for J1; \$28.00@\$29.50 for J2 and \$28.00@\$29.00 ton for R2.

Valonia—Mixtures and cups are somewhat lower and are quoted at \$39.50 ton for mixtures and \$34.00 ton for cups and unchanged at \$53.00 ton for beards.

Wattle—Is likewise a shade easier for shipment and is now quoted at \$37.50@\$39.00 ton for this position.

FERTILIZERS

Blood—Is lower this week at Chicago and quotations are heard at \$3.75 per unit, that point. New York prices are unchanged and quiet at \$3.75 per unit. South American is likewise unchanged and in fair demand for shipment at \$3.50 per unit.

Fish Scrap—Is moving in seasonal volume with quotations heard at \$4.25 and 10c per unit, f. o. b. Chesapeake Bay for unground herring. The Baltimore market is quoted at \$4.50 and 10c per unit.

Nitrate of Soda—A continuance of the prevailing conditions affecting this article has forced a further reduction in the spot quotations to \$2.63 per 100 lbs. Parcels are moving in fairly good volume at this figure.

Sulfate of Ammonia—Is lower this week due to the abundance of stocks in resellers hands and spot New York goods are offered at \$2.65 per 100 lbs., with delivered Southern points at \$2.75 per 100 lbs.; f. a. s. goods are unchanged at \$2.60 per 100 lbs.

Tankage—New York tankage is off a shade this week and is quoted at \$3.90 per unit. Chicago is holding steady at \$4.25 per unit with a good demand evidenced. South American is also unchanged but quiet.

INSECTICIDES AND FUNGICIDES

Now at the crest of the buying season, insecticides are moving in a volume which makers state compares very favorably with that of former years. Prices are being well maintained at the quoted market figures and a continuance of the excellent demand is looked for until well into the month of May. Lead arsenate in particular is in good demand with prices ranging from 13¼c

@14c lb, as to quantity and seller. Calcium arsenate is as yet inactive, but some better idea as to the position for the year may be had in a few weeks' time.

METALS

Spot antimony is a neglected item this week from a consuming standpoint. The actual demand has been negligible and in the face of this the price has been fairly well maintained at 17¼c@18c lb. Shipment material is offered at 13c lb. Copper, both lake and electrolytic, continues unchanged at 14c lb spot. Silver is up again a shade this week and is named at 64¼c oz. Tin has shown an upward trend and the latest quotations are at 64¼c lb. Lead is unchanged on spot and a shade easier at 7.6c lb, East St. Louis. Zinc is also unchanged and is quoted at 7.30c New York and 6.95c lb, East St. Louis.

NAVAL STORES

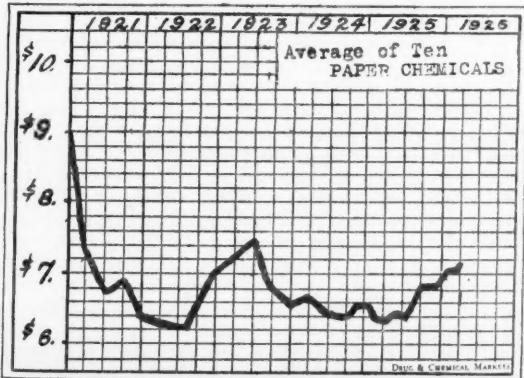
Turpentine is again off this week to 92¼c gal. spot New York. This reduction occurred early in the week and the market held firm at this figure during the latter part. The demand has not been up to the standard of former years, though this may easily be attributed to the late Spring. A revival of the buying interest is expected daily by factors in this market. The price range this week as to quantity is 92¼c@97c gal.

Rosin has finally been checked in its downward turn and this week has shown advances in practically all grades. Receipts here have been larger in volume but the outward movement has been better and with a broadening of the inquiry the outlook here from the sellers' standpoint is bright. Consumers stocks are believed not to be large. Spot quotations are: B, \$8.40; D, \$8.90; E, \$10.50; F, \$12.50; G, \$13.00; H, \$13.10; I, \$13.50; K, \$14.00; M, \$14.25; N, \$14.50; WG, \$15.00, and WW, \$15.50.

Glue to the value of approximately \$250,000 is imported annually from other countries into Japan. The chief demand is for glues having great adhesive power, manufactured from hide cuttings and bones of animals.

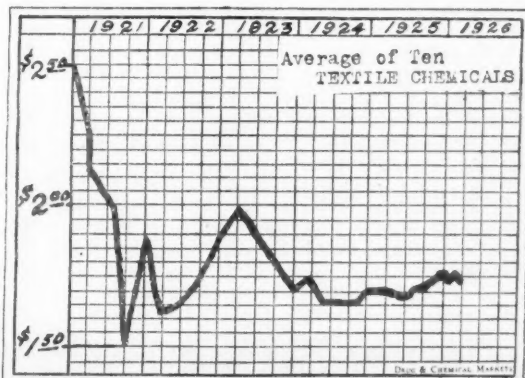
Paper Chemicals

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Aluminum Sulfate	\$2.00	\$2.00	\$2.00	\$2.00	\$5.00	\$1.50
Bleaching Powder	2.00	2.00	2.00	1.90	9.50	1.50
Casein .....	.16	.16	.13	.12½	.28	.20
China Clay, Dom	10.00	10.00	10.00	10.00	25.00	8.00
Chlorine c-l Cyl .....	.05½	.05½	.05½	.05½	.50	.08
Salt Cake	19.00	19.00	19.00	17.00	80.00	11.00
Sodium Silicate, 40° ..	.80	.80	.80	.80	1.75	2.00
Soda Ash, 58% wks	1.38	1.38	1.38	1.38	4.10	.69
Sulfur	22.00	22.00	20.00	18.00	65.00	20.00
Rosin F grade	13.40	13.85	13.85	8.20	4.50	20.25
Average	7.115	7.158	6.821	6.030	13.50	5.50



Textile Chemicals

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Acid, Acetic, 28% ..	\$3.24	\$3.24	\$3.24	\$3.12	\$17.00	\$1.50
Acid Oxalic .....	.10½	.10½	.10½	.10½	.70	.70½
Bleaching Powder	2.00	2.00	2.00	1.90	9.50	1.50
Copper Sul c-l 100 lbs	4.75	4.65	4.37½	4.60	20.00	4.60
Eosin Salt, USP	2.15	2.15	2.15	2.15	4.25	1.50
Glauber's Salt	1.05	1.05	1.05	1.25	2.50	.80
Potash, Caustic, Imp ....	.07½	.07½	.07½	.07½	.87	.12
Soda Ash, 58% wks	1.38	1.38	1.38	1.38	1.10	.69
Soda Caustic, 76% wks ..	3.10	3.10	3.10	3.10	9.50	1.80
Sodium Bichromate ....	.06½	.06½	.06½	.06½	.45	.04½
Average	1.775	1.763	1.750	1.779	4.8008	1.25



UNION CARBIDE SUIT DECISION RESERVED

The suit of Alexander Milburn Co. of Baltimore against the Union Carbide & Carbon Corp. and the Davis-Bournonville Co. and subsidiary companies for alleged violation of the Sherman anti-trust laws, and damages resulting from an alleged conspiracy between the latter companies, is now under advisement by Circuit Judges Edmund Waddill, Jr., of Richmond, and John J. Parker of Charlotte, N. C., and District Judge Ernest F. Cockran of Charleston, S. C. It is thought that a decision will be ready in two or three weeks.

Tanning materials and extracts consumption during 1925 by 347 active tanneries, was as follows: Bark, wood, and other crude vegetable tanning materials, approximately 400,000 tons costing \$7,221,896; vegetable tanning extracts, 415,557,587 pounds, costing \$12,918,635. The corresponding figures for 1923, compiled from reports made by 364 active tanneries, are: Crude vegetable tanning materials, approximately 500,000 tons, costing \$9,165,171; vegetable tanning extracts, 537,628,003 pounds costing \$18,743,370. The extracts consumed in 1925 comprised 309,542,900 pounds of liquids, costing \$7,949,845, and 106,014,687 pounds of solids, costing \$4,968,790.

Crude vegetable tanning materials were used exclusively by 35 establishments in both 1925 and 1923; extracts were used exclusively by 153 establishments in 1925, as against 145 in 1923; and both raw materials and extracts were used by 159 establishments in 1925, as against 184 in 1923.

Zinsser & Co., Hastings, N. Y., has merged with Ulthro Chemical Corp., 1 Hudson st., New York. The office, plant and fixtures of the Ulthro Corp. will be moved to Hastings-on-Hudson, where the Zinsser plant is located. The new company, which will be known as Zinsser & Co., Inc., will specialize in the manufacture of fine organic chemicals in the following fields: textile mordant, intermediates, photographic chemicals, dry colors and alizarine and azo dyestuffs. The officers are: F. G. Zinsser, pres., William Steinschneider, and Herman Staber, vice-presidents and J. S. Zinsser, secy.-treas.

American Section of the Society of Chemical Industry, London, will hold a meeting, May 14, in Rumford Hall of the Chemists' Club. The paper read will be "A Talk on Some Technical Developments in the Paint and Varnish Industry," by Henry A. Gardner. The paper will be illustrated by seventy lantern slides. A prepared discussion will follow the reading of the paper. This discussion will be by several leaders in the related industries including Frank Brier, Maximilian Toch, G. W. Thompson, E. C. B. Kirsopp, and others.

W. W. Schoales, formerly of the sales staff of the Toronto branch of the Creo-Dipt Co., of North Tonawanda, N. Y., has been made manager of the E. Harris Co., of Toronto, wholesale and retail dealers in paints, oils, etc. Mr. Schoales has had extensive business experience, being for some years secretary-treasurer of the C. G. Anderson Lumber Co., Toronto.

C. L. Speiden, Innis Speiden & Co., will return to New York May 3 after two months in Europe. Mr. Speiden's father, C. C. Speiden, who has spent the Winter abroad and who became very ill on his business trip, is now out of danger, although he is not as yet completely recovered.

American Woolen Co., directors and officers were all re-elected at the recent annual meeting.

INDUSTRIAL CHEMICAL SECTION

Science and Sales

Patent has been granted G. Ross Robertson for process of making butyl butyrate.

Sources of ammonia in potato fertilizers are discussed in a New Jersey Department of Agriculture bulletin.

Foam for extinguishing fires is described by G. J. Es-senlin, Jr., in patent 1,558,559. The residue of neutralized and evaporated sulfite waste liquor is used.

Patent 1,550,537 issued to J. Gorbing claims that waste liquor from the manufacture of cellulose mixed with sufficient lime to form a dry fertilizer is efficient.

Hydrating lime is formed by placing lump lime in a screen-bottom car, dipping the car in water and draining off the excess water, says D. R. Bone, Sr., in U. S. patent 1,556,670.

Cyanides are made from calcium cyanamide by heating the latter to a low red heat in admixture with hydrogen and carbon monoxide (in the form of water gas). German Patent No. 417,018.

Copper sulfate solutions are obtained by treating the finely divided metal in a tower-shaped apparatus with a stream of sulfuric acid, containing oxides of nitrogen. German Patent No. 418,723.

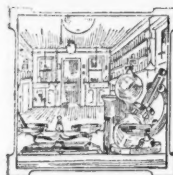
An article on "Catalytic Preparation of Ether from Alcohol by Means of Aluminum Oxide," by R. H. Clark, W. E. Graham and A. G. Minter was published recently in the "Journal of the American Chemical Society"

In a paper on "Supervision Over the Safety of Chicago's Water Supply," A. E. Gorman told the Illinois Engineering Society that hourly tests for free chlorine are made to check the adequacy of treatment at each station; 3,000 pounds of liquid chlorine are applied to 800 million gallons of water on the average.

At the Hagerstown, Md., sewage works 1,800 gallons of raw sludge with a water content of 92.7 per cent is removed daily from the Dorr Clarifiers and treated with 300 pounds of lime, says T. C. Schaezle in "Public Works." The lime-treated sludge can be spread on farm lands with less nuisance from odor than from raw sludge.

"Destruction of Cherlock and other Weeds by Finely Ground Kainite" is the subject of an article by G. A. Cowie in "Fertilizer, Feeding-Stuffs and Farm Supplies Journal." He says in part: "Kainite ground to 80 per cent through a 50-mesh sieve and dusted on at the rate of 600 to 800 pounds per acre killed as high as 90 per cent of the cherlock."

In an article in "Water and Water Engineering," entitled "Observations on the Working of Slow Sand Filters," V. Govinda Raju says in part: "The custom of wasting water from maturing filters is very wasteful since the water could be chlorinated and used. Re-sanded beds which give bad water for a time after re-sanding could receive chlorinated raw water and the effluent could be used. There is no deterioration of quality of effluent with high loss of head provided violent fluctuation of rate of filtration does not occur. In Bengal filter life is too short (2-6 weeks). Chlorination of raw water and suppression of algae should prolong use. Filters usually operate much more slowly than necessary. A drop of 2 feet per hour was noted when 4 feet would have been better. Wasteful regulation of settling basins is common. Chlorination of raw water applied to slow sand filters is to be preferred to chlorination of filtered water."



Drug & Fine Chemical

SECTION



March Aromatic Imports Increase 25 Per Cent

Total 19,752 Lbs., Valued at \$23,299, Against 15,568 Lbs., Valued at \$19,235 for February—Medicinals and Photographic Chemicals Up to 122,655 Lbs., Valued at \$58,004, Against 103,273 Lbs., Valued at \$42,900—Imports Under Special Paragraphs 1, 5, 23 and 61 Given With Exception of Citric, Formic, Oxalic and Tartaric Acids

Total imports of synthetic aromatic chemicals for March showed an advance of 25 per cent over February. The total for March was 19,752 lbs., valued at \$23,299; against February imports of 15,568 lbs., valued at \$19,235; and against January imports of 8,690 lbs., valued at \$11,165.

Imports of medicinals, photographic chemicals and

other coal-tar products totaled 122,655 lbs., valued at \$58,004 for March; against 103,273 lbs., valued at \$42,900 for February; and 211,832 lbs., valued at \$50,342 for January.

Imports for consumption through New York and other ports of the United States for March, 1926, of synthetic aromatic chemicals, medicinals, pharmaceuticals, and other coal-tar products in paragraphs 27 and 28 of the Tariff Act of 1922, as well as items within paragraphs 1, 5, 23 and 61 of the Tariff Act of 1922, consisting of synthetic organic chemicals of non-coal-tar origin, with the exception of citric, formic, oxalic and tartaric acids, figures for which appear in the monthly summary of Foreign Commerce of the United States, follow:

SYNTHETIC AROMATIC CHEMICALS OF COAL-TAR ORIGIN

Name of Chemical	Quantity Pounds
Acetophenone	200
Ambrogene	500
Amyl Salicylate	343
Aubepine	681
Benzaldehyde	1861
Benzyl acetate	870
Benzyl benzoate	112
Bromstyrol	50
Butylketone	1002
Butylxylene	1500
Cinnamic aldehyde	2205
Cinnamic acid	110
Diethyl phthalate	110
Diphenyl methane	100
Diphenyl oxide	55
Ethyl cinnamate	25
Ethyl	50
Heliotropine	270
Hyacinth alb.	44
Hyacinth compound	25
Indol	4
m-methylacetophenone	11
methyl anthranilate	780
Musk ambrette	1400
Musk ketone	384
Musk xylene	5038
Musk xylene residue	342
Phenyl acetic aldehyde	167
Phenyl ethyl alcohol	1382
Phenyl ethyl alcohol terpene	24
Phenyl ethyl alcohol extra G	25
Phenyl ethyl propionate	2
Phenyl glycolmethyleacetate	2
Toluene ethyl alcohol acetate	1 oz
Vanillin	50

MEDICINALS, PHOTOGRAPHIC DEVELOPERS, INTERMEDIATES, AND OTHER COAL-TAR CHEMICALS

Name of Chemical	Quantity Pounds
Acenaphthene	1102
Acetparamidosalol	22
Amidol	32
Amidopyrine	556
Antifebrin tablets	
Antipyrine	585
Benzidine base	2259
Benzole acid	1
Benzoylchloride	2205
Beta eucain hydrochloride	
Bismuth guaiacol carbonate	66
Bismuth subsalicylate	4
p-Bromo-alpha-monomethyl-amido-anthraquinone	2386
Carbazole	2157
Cardiazol-ampoules	3
Cardiazol pdr.	22
p-Chlorometacresol	205
o-Chloro-o-phenol	2204
p-Chloro-o-phenol	100
Chlorotoluidine sulphonic acid	644

Name of Chemical	Quantity Pounds
Colchicine salicylate	
p-Cresol	56
p-Cresol methylether	25
Cyclohexenylethylcyanacetic acid ethyl ester	45
Diamdophenol chlorhydrate	224
Diazo diphenyl ether	651
Diazodiphenylether	220
Di-brom-alpha-amino-anthraquinone	1843
Di-hydroxyphenyl indolinon	154
Dimal	38
Diphenyl black base I	1000
Eikonogen	10
Enesol	3
Epiline	8
Epiline hydrochloride	
Euphthalmin hydrochloride	250
Fast black L. E. base	500
Fast orange salt G. C.	200
Fast orange salt G. R.	1000
Fast red R. L. base	250
Fast red T. R. base	500
Fast red salt B.	10200
Fast red salt GL	2000
Fast scarlet salt R	5179
Gamma	100
Glycerin	1
Guaiacol cacodylate	110
Guaiacol Carbamate	500
Guaiacol crystals	1
Guaiacol Eucalyptol Iodoform	10
Hexamethyltetramine and methylene Blue SC tablets	
Homatropine hydrochloride	511
Hydrochione	1000
b-Hydroxyphthalic acid, chlorinated arylide	4648
Katanol W	44
Mercurychlorphenolbarbituric acid	
Mercury succinimide	
Methylparamidophenol	700
Methyl phenylquinolin carboxylic acid ethyl ester	220
Mianin (organic chloramine)	1000
Monomethylparamidophenol sulfate	611
a-Naphthol	3124
Naphthol AS-B	500
Naphthol AS-SW	1750
b-Naphthol tabloid	9
b-Naphthol disulfonate of sodium	1587
b-Naphthol monosulfonate acid FA	5000
Nekal A dry	6
Neocaine	
Neosalvaran (4,900 ampoules)	
Phenol	5206
Phenylethyl malonylurea	66
Phrostigmine salicylate	
Piperidine piperidyl dithio carbamate	220
Potassium guaiacol sulfonate	2525
Quinine salicylate tablets	
Rapid fast red GZ paste	200
Resorcinol	3306
Rodenal	544
Salol tablets	3

Name of Chemical	Quantity Pounds
Sodium salicylate	1
Sulfarsenol	
Sulfarsenol	600 ampoules
Yatrem purissimum	3
Yatrem casien weak	16
Yatrem casien strong	16
Yellow Dev. C	2204
Xylidine	1000
All other	

PART II

Imports through the port of New York, March, 1926, for 1926, for items within paragraphs 1, 5, 23 and 61 of the Tariff Act of 1922, with the exception of citric, formic, oxalic and tartaric acids, figures for which appear in the monthly summary of Foreign Commerce of the United States. Some items coming in but not reported prior to this month are included in this list.

Name	Pounds	Value
Total Imports	1,878,000	\$317,487
PARAGRAPH I		
Name	Quantity Pounds	
Acetic acid		
Glycolic acid crystals	180	
Lactic acid, technical	32577	
Lactic acid, U. S. P.	11083	
Malic acid crystals	5	
Perchloric acid	665	
Perchloric acid C.P.	500	
Stearic acid	845864	
Tannic acid	2235	
PARAGRAPH 5		
Acetylene tetrabromide C. P.	22	
Alkne	22	
Allyl isocyanate	500	
Aluminum nitrate	550	
Ammonium bifluoride	44000	
Ammonium iodide	100	
Ammonium oxalate	3788	
Ammonium persulfate	4645	
Ammonium thiocyanate	2048	
Ammonium thiocyanide	3154	
Antiseptic disinfectant solution—bottles		
Argentum casien	3	
Ascorbic acid solution—flasks		
Aspidosperum hydrochloride		
Atropine sulphate	31	
Barium sulphide	200	
Barium thiocyanate	1150	
Beryllium nitrate	4	
Byrol—dozen		
Cactus grandiflor extract	100	
Cadmium iodide	100	
Calcium caseinate	2205	
Calcium chloride	120	
Calcium formate	68	
Calcium metal	1000	
Calcium phosphate	441	
Calcium phosphide lumps	175	
Calcium Tartrate	220	

(Continued on page 1247)

DRUG AND FINE CHEMICALS

oil advantageously. Spot prices for steam refined oil have now declined to \$29.50@\$31.00 bbl. as to brand.

Coumarin—Resellers are now quoting \$2.90@\$3.00 lb with manufacturers firm at recent reduction to \$3.00@\$3.10 lb.

Cream of Tartar—Prices are unchanged with an upward tendency noted due to the tariff investigation.

Formaldehyde—Active and firm in price.

Fusel Oil—While some lots have recently been sold as low as \$1.15 gal., producers profess to see additional strength in this item and many are holding for higher prices, some as high as \$1.75 gal.

Glycerin—One large lot of dynamite glycerin has been sold at 21½¢ lb but holders are again asking 22¢@22½¢ now. Some C. P. has been offered at 23¢ although most holders are asking 23½¢@24¢ lb. Crude shows some additional firmness.

Guaiaicol—Continues in keen competition especially for the carbonate which is quoted at \$1.90@\$2.10 as to holder. Crystals and liquid are steady and unchanged.

Haarlem Oil—Good demand reported at unchanged prices.

Iodine—Resale lots are still offering below schedule which is unchanged. Iodides are also unchanged.

Iron Salts—Moving routinely at unchanged prices.

Menthol—Early last week quotations from Japan came through as low as \$3.75 lb c. i. f. As a consequence spot prices broke in sympathy and quotations were reported as low as \$5.25. Japan recovered slightly and spot prices now range \$5.35@\$5.50 lb.

Mercury—With the Spanish mines closing down next month and all their output sold, while Italian output is also sold up to June 1, a much firmer tone prevails and spot prices have now advanced to \$92.00@\$93.00 flask.

Mercurials—Corrosive sublimate reported moving well with others also in fair demand. Prices unchanged throughout the list.

Methyl Salicylate—Competition continues keen with prices unchanged.

Papain—Continues scarce at unchanged prices.

Potassium Permanganate—Quiet and unchanged in price and position.

Quinine—Recent reduction seems to be mainly a recognition of existing prices, as few instances were reported where sales made prior to the break were at quoted figures.

Saccharin—Competition reported keen and resale lots offered at \$1.70@\$1.75 with manufacturers quoting \$1.75@\$1.80 lb.

Santonin—Demand continues good with prices steady and unchanged.

Sodium Salicylate—Competition continues keen and prices are unchanged at recent reduction to 37¢@40¢ lb.

Thymol—Comparatively easy at \$3.60@\$4.00 as to holder.

A new Italian denaturing agent for alcohol has been authorized by a ministerial decree published recently. The price of the new denaturing agent is fixed at 24 lire for every hectoliter of alcohol, based on the use of 3 parts denaturant to 100 parts alcohol. The new agent is prepared by mixing purified light ichthyol oils with other substances in various proportions. It has been used on an experimental scale in laboratories for two years and now has been adopted by the Government in place of the former mixture which consisted of pyridine, methyl alcohol, acetone oil and benzol.

SALICYLATES FIRMER IN LONDON

Higher Prices Quoted on Synthetic Camphor, and Camphor Oil—Mercury Firmer—Japanese Mint Oil Stronger—Easier Markets for Lemon Oil, Gum Arabic, Menthol and Oil of Cloves—Lower Prices for Quinine, Castor Oil, Milk Sugar and Phenacetin

(Special to DRUG & CHEMICAL MARKETS)

Hamburg, April 28 (By Radio)—The market is generally quiet. Higher prices are quoted for synthetic camphor and camphor oil. Firmer markets prevail in salicylates and mercury. Easier conditions surround lemon oil, antimony, gum arabic, menthol, oil of cloves and potassium prussiate. A reduction of 25 per cent was made in quinine quotations. Price reductions have been effected in castor oil, milk sugar, acetic acid, phenacetin and rubber.

London, April 17 (By Mail)—Business this week has been broken in upon by the holidays and with few exceptions prices have had a dwindling tendency.

Opium has advanced in Smyrna and Constantinople, but little importance need be attached to price changes as it is yet too early for these to correctly reflect the progress of both the Autumn and Spring sowings, which on all accounts are promising well. The crucial period, however, for forming crop estimates will be upon us in a few weeks' time. Morphia and its salts are firm but so far unchanged from the lower level recently established.

Antimony is exciting more attention in view of the continued heavy fall in value of both crude and regulus. Buyers are still holding aloof in anticipation of lower prices and in the absence of orders market quotations are unreliable. The lowest figures disclosed are English refined about £90 per ton and China spot £80, shipment £62 c. i. f. Spot crude down to £51 and shipment nominal at £40 c. i. f. The output of China for the present year will not, according to reliable information, exceed that of 1925. Vanilla is advancing daily and fully 4s per lb has to be added to prices ruling only a few weeks ago. The crop in Madagascar is estimated to be only one-third that of 1925, and after large sales at rising prices from the recent low level, sellers are now demanding 17s 6d per lb for May-June shipments.

Lemon oil—Sales from Messina have been made during the week down to 6s per lb and the best brands to 6s 6d per lb c. i. f., showing a heavy decline. The spot market appears to be fairly well supplied but is irregular and closes quiet at 8s per lb nominal.

American peppermint oil comes over slightly lower at 60s c. i. f. and Japanese mint oil is easy at 11s 9d per lb on spot and 10s 9d per lb c. i. f. Jan.-March.

Lithium salts have been reduced by manufacturers as follows: Citrate crystals 6s 9d, powder 7s, carbonate, 9s per lb.

Codliver oil—The latest cable advices from Bergen, today, report a further marked extension of this year's already rich catch and another reduction in price to 107s per bbl. f. o. b. and bids are encouraged. The Summer fishing has started well in the Finmarken district and signs point to the probability of a record year. Should the price of steam refined further recede, supplies of crude oil will doubtless again attract buyers for industrial purposes, margarine, and the lighting of mines.

Mercurial poisoning was the cause of one death and lead poisoning the cause of two deaths during February according to a statement made by New York State Industrial Commissioner James A. Hamilton, on fatal accidents reported in the State during February.

The Crude Drug Market

Current Spot Quotations for Crude Drugs, pages 1269-1274

POWDERED HENNA ADVANCED SHARPLY

Whole Also Shows Firmer Tone—Belladonna Seed Scarce and Higher—Advances Registered in Doggrass Root, Helonias, Juniper Berries, Stramonium Leaves and Yerba Santa—Lower Prices Quoted for Golden-seal Root, Barbados Aloes, Select Lavender Flowers and Small Flake Manna—Market Routine

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Belladonna Seed, 1c lb.
Burdock Root, 1/4c lb.
Cascarilla, 5c lb.
Doggrass Root 1/4c lb.
Helonias, 2c lb.

Advanced
Henna, whole, 1c lb.
Powdered, 3c lb.
Juniper Berries, 1c lb.
Nux Vomica buttons, 1/4c lb.
Stramonium Leaves, 1/4c lb.
Yerba Santa, 1/2c lb.

Declined
Aloes, Barb., 25c lb.
Cascara Sagrada, 25c peck, 1/4c lb.
Cowhage, 25c oz.
Deer Tongue Leaves, 1c lb.
Fenugreek Seed, 1/4c lb.
Gamboge Gum, powd., 5c lb.
Goldenseal Root, 15c lb.

Guaiac Gum, 1c lb.
Lavender Flowers, Sel. 1c lb.
Linden Flowers with leaves, 1/4c lb.
Manna small, 5c lb.
Raspberries, 10c lb.
Squills, 1/4c lb.
Valerian Root, USP, 2c lb.

	Trend of the Market					
	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Aconite Root, USP	\$2.24	\$2.24	\$2.24	\$3.33	\$9.90	\$4.42
Buchu Leaves Short .....	.45	.45	.46	.59	4.00	.85
Cantharides Russian .....	.60	.60	.60	.85	9.00	2.10
Cocculus Indicus .....	.06	.06	.06	.08 1/2	.85	.03
Ergot, Spanish	1.25	1.25	1.20	.47	4.50	.54
Insect Powder, pure .....	.29	.29	.29	.37	1.00	.28
Ipecac, Cartagena powd.	3.55	3.55	3.55	2.35	4.50	1.35
Nux Vomica .....	.05	.04 1/2	.05	.05 1/2	.14 1/2	.07
Opium gum	12.00	12.00	12.00	12.00	30.00	5.00
Rhubarb Root, HD .....	.35	.35	.35	.33	1.75	.15
Tragacanth, No 1 ribbon	1.65	1.65	1.65	1.40	6.00	1.50
Wild Cherry Bk. Thin nat .....	.07 1/2	.07 1/2	.07 1/2	.09	.21	.07
Average	1.727	1.727	1.723	1.66	5.28	1.60

The New York market for crude drugs, spices, gums and waxes continues fairly quiet, although the total volume of business transacted continues to compare favorably with corresponding periods in previous years. There has been little of actual interest in the way of new developments in prices, or statistical position of the important items, although one or two items have become more scarce and consequently higher priced. On the other hand there have been one or two instances where lack of buying interest has reduced prices, although factors claim that statistically these items are just as strong as ever. Belladonna root is scarce and higher, burdock root has advanced, henna is in a much firmer position and juniper berries have stirred some interest. Old crop cascara is offered at a reduced price, cowhage is lower, manna small flake is easier, and gum aloes, gamboge and guaiac are lower while spices are quiet with some additional strength noted in peppers. Ergot and lycopodium continue firm and high priced with quite a bit of activity noted in the latter.

Botanical Drugs

Aconite—Leaves and root are both steady and unchanged.

Arnica—Flowers are firm at recent advance with root now offered again at 42c lb in bigs.

Balm of Gilead—Buds are offered at 39c@44c lb as to quality, with some holders firm at the upper figure for dried.

Balsams—Quiet and unchanged in price. South American copaiba is very firm at 46c@49c lb. Other varieties steady.

DRUG AND FINE CHEMICAL SECTION

Belladonna—Seed has become very scarce on spot and none is offering from abroad. Price has advanced to 17c@22c lb as to holder, with the greater tendency toward the higher figure. Leaves are steady and unchanged.

Buchu—Continues quiet at recent low prices.

Burdock Root—Advanced to 10c@10 1/2c lb as to holder.

Cardamoms—Bleached seed continues scarce and high on spot with lower quotations offered for arrival. Other grades are quiet and unchanged.

Cascara Sagrada—Offers are already being made from the coast of 1926 bark which are fairly well in line with quotations last year. Last year's peel is offered in one direction at the reduced price of 13 1/2c and ranges from there to 14 1/2c lb. Older peels are unchanged.

Cascarilla—Firmer tendency noted and price advanced to 95c@\$1.00 lb.

Chamomiles—Quiet and unchanged with routine demand only.

Cowhage—Lower at \$1.25@\$1.30 oz.

Damiana—Moving well at a generally prevailing price of 35c lb.

Deer Tongue Leaves—Price has been reduced to 17c @20c lb as to holder.

Digitalis—Normal market exists with holders quoting a wide range of 22c@26c lb.

Doggrass Root—Advanced to 11 1/2c@12c lb.

Ergot—Interest in this item has subsided with prices remaining firm at recent figures.

Fenugreek—One holder has reduced his price to 4 1/2c lb with others quoting from there to 5 1/2c lb.

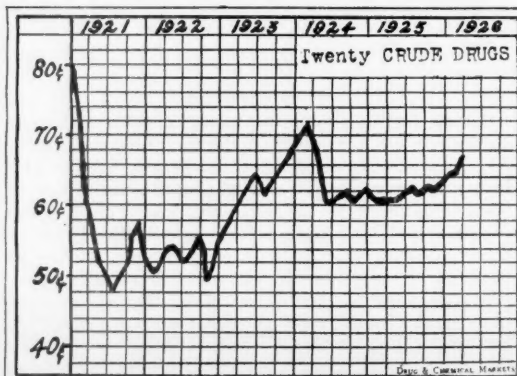
Gentian—No change noted in this market which is firm.

Goldenseal—Recent high prices have discouraged buying and holders have reduced the price of whole to \$5.35@\$5.50 lb, although the statistical position is unchanged. Prices for powder are unchanged.

Helonias—Higher at 64c@95c lb as to holder.

Henbane—Steady and unchanged.

Henna—Recent scarcity has continued and further demand has brought about a price advance. Whole is



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now quoted at 11c@13c lb with powdered advanced to 16c@17c lb.

Ipecac—Quiet and unchanged in price.

Juniper Berries—Following recent predictions, based on shortage at the source, the price has advanced to 7½c lb.

Larkspur Seed—Unchanged in price and position although lower quotations have been reported.

Lavender Flowers—Selected flowers are lower at 35c @40c lb with ordinary unchanged.

Linden Flowers—Flowers with leaves are lower at 11c @12c lb while flowers without leaves are unchanged.

Lycopodium—In good demand and very firm at unchanged prices.

Manna—Small flake is lower at 43c@48c lb with large flake unchanged.

Nux Vomica—Buttons are again held at 5c@6c lb with powdered unchanged.

Orris—Steady and unchanged.

Quassia—Chips are held at 8c lb with shavings at 6½c lb.

Raspberries—Lower at \$1.35 with the falling off in demand.

Rhubarb—Firm from abroad and prices steady here.

Sarsaparilla—Still barred from the country except such material as is released in large lots on affidavit.

Senna—Tinnevely continues very firm at recently advanced price of 8c@14c as to grade.

Stramonium—Leaves are higher at 14c@14½c lb. Seed unchanged.

Squills—Lower at 5c@5½c lb.

Valerian Root—U. S. P. goods are lower at 28c@30c lb with Belgian continuing high at 50c@55c lb.

Yerba Santa—Higher at 10c@10½c lb.

Gums and Waxes

Aloes—Barbados lower at \$1.00@\$1.10 and powdered at \$1.10@\$1.20. Other varieties unchanged.

Asafetida—Market is firm at unchanged prices.

Beeswax—Steady and unchanged.

Gamboge Gum—Powdered is lower at \$1.00@\$1.10 lb with whole unchanged.

Guaiaac Gum—Lower at 37c@40c lb.

Ozokerite Wax—No change noted in price or position.

Tragacanth Gum—Very firm at recent quotations which are unchanged.

Spices

Cassia—Steady with prices unchanged. Batavia inclined to be easier with China slightly firmer.

Cinnamon—Firm and unchanged.

Ginger—Prices are unchanged with demand rather quiet.

Mustard—Interest is lagging and prices are quiet and unchanged.

Peppers—Factors report increasing firmness although quoted prices are still open to shading in some directions. There has been no change in quotations.

Thyme—Unchanged in price and activity.

MARCH AROMATIC IMPORTS

(Continued from page 1243)

(Paragraph 5 Cont'd)

Name	Quantity Pounds	Name	Quantity Pounds	Name	Quantity Pounds	Name	Quantity Pounds
Calcium thiocyanate	375	Insecticide	360	Valerianate flasks	12110	Valerianate flasks	12110
Cantharidin	255	Iridium sesquichloride	2000	Yellow oxide A	202620	Zinc ammonium chloride	51
Carmine	22	Iridium tetrachloride	1050	Zinc phosphate	9497	Zinc phosphate	9497
Cerium metal pdr.	22	Iron ammonium citrate	50	Zinc resinate			
Cherry laurel water—gallons	22	Iron ammonium oxalate	4495				
Chlorthymol	22	Iron cacodylate	50				
Cigarettes belladonna boxes	22	Iron sulphide	50				
Cigarettes stramonium boxes	50	Jalapa resin	25				
Clarifying earth	50	Jodipin	5000				
Cod liver oil preparation—flasks	100	Journal	25				
Compositol tubes	3	Keratin	25				
Conium extract	44200	Kinargol	500				
Copper oleate solution in tetralin	2334	Kinargol 5% atropine	55				
Copper suboxide	496	Kousineum ampoules	77				
Copper sulphocyanide	2334	Lecithum	22				
Craveri liquor	496	Magnesium chrome mordant	6425				
Cyanuric acid	11023	Magnesium citrate	317				
Dandelion B.P. extract	497	Magnesium peroxide	22488				
Dichloromethylene	25	Magnesium silicofluoride	500				
Dichlorohydrin	11023	Malvern root extract	55				
Didymium chloride C.P.	25	Marienbader tablets	11				
Didymium sulphate	25	Metharfar tablets	2				
Digitalin	22	Metharsal flasks	249				
Dihydroxyacetone	22	Methylal C.P.	200				
Dinophylamineazethanol	1000	Milk sugar rennet	200				
Diolene	22046	Manganous sulphate	1968				
Effervescent salt	18000	Moerhuol	43223				
Emetine alkaloidal mixture	2250	Muscenoline flasks	100				
Energetene valeriane—flasks	992	Mustard oils	86				
Ethyl aceto acetate	23	Nickel sulphate and nickel ammonium sulphate	1				
Ethyl lactate	50	Niobium metal	1				
Extract of liver	130492	Oleo-resin cubebae	220				
Ferric ammonium sulphate	609	Oleo gomenol	1				
Ferric chloride	15	Ouataplasmes	1				
Ferric sodium oxalate	10	Pelletierine tannate	1				
Ferrous chloride	10	Pilocarpine hydrochloride	1				
Ferrous iodide syrup—bottles	10	Pilocarpine sulphate	1				
Hemogallol	10	Potassium metal balls in oil	20				
Gelseminine hydrochloride crystals	2	Potassium oxalate	1153				
Glyceoll	5291	Potassium phosphate, dibasic	309				
Gomenol	6666	Potassium sulphocyanide	197				
Haematozen	10	Quinine extract	4425				
Harlem oil	10	Rat exterminator	154348				
Hemo—gallol	10	Sedlitz flasks	220				
Hemoglobin flasks	1	Sedlitz flasks	15433				
Hydrazine hydrochloride	80644	Sirup Aubergier flasks	4409				
Hydrogen peroxide	2	Sodium acetate	234176				
Hyoscyanine sulphate crystals	17558	Sodium nitroprusside	10587				
Ichto-zinc		Sodium perborate	550				
Imperial soot destroyer		Sodium peroxide	300				

(Continued on page 1249)

DRUG AND FINE CHEMICAL SECTION

The Essential Oil Market

Current Spot Quotations for Essential Oils, pages 1274- 1276, Aromatic Chemicals, 1277

MARKET IS GENERALLY EASIER

Lower Prices Reported in Several Important Oils—Lemon Oil Unchanged—Peppermint Reported a Shade Easier in One Direction—Oil Sweet Almond, Anise, Cassia, Ceylon Citronella and Spearmint Lower—Oil Cananga Higher

PRICE CHANGES IN NEW YORK (Stocks in First Hands)

Advanced

Oil Cananga, nat. & Rect 30c lb.

Declined

Oil Almond, sweet 2c per lb. Oil Citronella, Ceylon 1c per lb.
Oil Anise, 1c per lb. Oil Spearmint, 25c per lb.
Oil Cassia, rect. 10c per lb. Oil Cedarwood 3c per lb.
Phenylethyl Alcohol 10c per lb.

Trend of the Market

	Today	Last Week	Last Month	Last Year	War Peak	Pre-War
Oil Bergamot	7.75	7.50	7.50	3.50	7.00	5.00
Oil Citronella Ceylon ..	.45	.45	.45	.65	1.02	.80
Oil Clove	1.85	1.85	1.85	1.75	3.70	1.40
Oil Lemon, Italian	2.50	2.45	2.45	.95	1.70	2.00
Oil Peppermint Nat	15.00	15.00	15.00	13.25	9.00	2.24
Oil Sandalwood E I	7.10	7.10	7.10	7.00	14.00	5.25
Oil Sassafras, Artif ..	.27	.27	.27	.27	1.00	.28
Coumarin	3.10	3.10	3.10	3.25	31.00	3.10
Benzaldehyde, USP	1.25	1.25	1.25	1.30	5.15	1.50
Methyl Salicylate Can. ....	.37	.40	.40	.47	1.00	.85
Vanillin .....	.49	.49	.49	.49 1/2	.95	.30
Average	3.632	3.605	3.857	2.99	6.83	2.05

The essential oil market as a whole experienced a rather quiet week with several reductions in the more important oils featuring the activity of the trade. Oil lemon continues of prime interest to all and this week was not productive of a movement in either direction. Sweet almond oil is again lower, due to an apparent pressure to sell. Bergamot is unchanged as to price but is very firm at the figures quoted. Ceylon citronella is reported off 1c in some directions and this is agreed to be the trend of the market. A lower price for peppermint is heard in one direction, but the market as a whole was devoid of any significant signs. Oil geranium and spearmint are also both weaker though in the case of geranium no reduction is noted. The anticipated Spring buying in the seasonal oils has evidently not set in as those which will be affected have shown no movement as yet. Vanilla beans are firm at the quoted prices, with the importations disposed of immediately on arrival.

Oil Almond—Sweet oil continues to decline this week and is now quoted at 88c@90c lb, spot as to seller. Bitter is unchanged.

Oil Anise—Technical anise oil is a shade easier at 57c lb, spot with interest routine.

Oil Apricot Kernel—The position has not changed and the continued scarcity holds the market at 65c@68c lb.

Oil Bergamot—Though no price advance occurred this week, the market is characterized as very firm at the quoted figures of \$7.75@\$7.85 lb spot.

Oil Cananga—Is again up this week with leading importers quoting advanced figures. The current market is \$4.10@\$4.25 for the native oil and \$4.40@\$4.50 for the rectified.

Oil Caraway—Is unchanged and quiet at \$1.45@\$1.50 lb, spot.

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Oil Cassia—Is lower on this market and sellers are quoting \$2.65 per lb.

Oil Citronella—Ceylon oil, which has been soft for some weeks, is actually lower in price, with importers naming 44c@48c lb as the spot market. Java is unchanged.

Oil Geranium—Is characterized as weak on spot, with but routine interest evidenced in all grades.

Oil Ginger—Continues to move in fair volume at \$8.25 @\$9.00 lb as to seller and quantity.

Oil Lavender—Has not changed since its recent decline to its present level of \$4.60 lb spot. Moving in a routine way.

Oil Lemon—For the first time in months oil lemon did not fluctuate this past week. This is considered a good sign by both dealers and consumers as a steady influence on the market is to be desired. With the approach of warm weather it will not be surprising to see an advance. This is a natural movement at this period of the year. The current price remains at \$2.50 @\$2.60 lb spot.

Oil Limes—A scarcity of available spot stocks continues to make quotations on this item practically nominal. The demand is excellent and holds the price at its present level. Dealers are quoting \$9.50@\$10.00 lb for expressed and \$7.00@\$7.50 lb for distilled.

Oil Orange—Is quiet and unchanged this week at \$2.70 lb spot. A movement in orange oil before many weeks have elapsed is not unlooked for by the trade here.

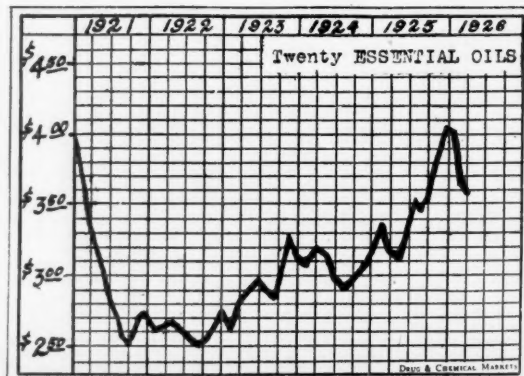
Oil Patchouli—Quiet and unchanged at \$7.00@\$7.50 lb spot.

Oil Peppermint—In one quarter is reported lower at \$14.25 lb spot for the native oil, but most factors quote a price somewhat above this. The market is potentially strong and sellers are optimistic as to the future of the market.

Oil Petit Grain—Since its recent advance to \$2.35 lb spot, this has not changed either in price or position.

Oil Spearmint—Is again easier on spot and now quoted at \$7.00 lb in one quarter. Other factors state that the market is unchanged and the market ranges to \$8.00 lb as to holder.

Oil Wormwood—Firm and unchanged on spot at \$7.00 @\$7.25 lb.



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Aromatic Chemicals

Benzaldehyde—U. S. P. material is firm and unchanged at \$1.25@1.40 lb spot.

Benzyl Acetate—Quiet and unchanged at the former level of \$1.10@1.25 lb spot.

Citronellol—Easy and quiet at \$5.75@6.25 lb.

Coumarin—Since the recent reduction, makers report a lively interest at \$3.00@3.10 lb in cans.

Phenylethyl Alcohol—Is a shade lower this week in some quarters and quoted at \$5.20lb\$5.75 lb as to seller and quantity.

Vanilla Beans

Are moving in excellent quantities, with imports being sold immediately on their arrival at New York. Dealers are quoting the following prices: Mexican whole, \$6.00@9.00 lb; Mexican cuts, \$3.75@4.00 lb; Bourbons, \$3.75@4.50 lb and Tahitis, \$2.50@2.75 lb, all spot.

DRUG MAKERS ARE LARGE ADVERTISERS

Chemical, cosmetic and drug manufacturers formed an important percentage of the 227 advertisers listed by the Bureau of Advertising of the American Newspaper Publishers Association. Among those who spent large sums of money for newspaper space advertising were: B. T. Babbitt, Inc., Bayer Co., Barrett Co., Colgate & Co., Corn Products Refining Co., Coty, Inc., Devoe & Reynolds, Douglas Pectin Corp., Duz Co., Forhan Co., Houbigant, Inc., Lambert Pharmacal Co., Larvex Corp., Lehn & Fink, Lever Bros. Co., Palmolive Co., Paraffine Co. Inc., Pepsodent Co., Pompeian Laboratories, Potter Drug & Chemical Co., Scott & Bowne, Sherwin-Williams Co., E. R. Squibb & Sons, Van Ess Co., Vick Chemical Co., Vitamin Food Co., Vivaudou, Inc., and Wm. Wrigley, Jr. & Co.

MARCH AROMATIC IMPORTS

(Continued from page 1249)

Paragraph 23 (Cont.)

Name	Inv. Value Dollars
Hepar ampules	6
Hypotensives, bottles of	34
Iodine ampules	15
Iodo callo	28
Iodone ampules	464
Iron arsenate with stanol	56
Iron arsenate with stanol	84
Iron cacodylate	14
Iron carbonate	51
Lactobyl	30
Lipidol ampules	141
Lipolysin ampules fema	23
Marsyle ampules	215
Menthon and licorice tabs.	15
Metharsinate	9
Metharfer gotties	378
Metharol pills	97
Mistura durante, boxes	48
Morethyl ampules	227
Nalodine	360
Nitroscleran phioletta	66
Normal saline solution	169
Nucleogenna	22
Olto merluzza capsules	352
Ontaron ampules	21
Oriental pills	12
Onabaine ampules	7
Pancreas ampules	9
Parathyroid	18
Paratoxine A ampules	8
Pepsin pills	15
Phosferine tablets	3477
Pills miscellaneous	873
Pitticor normal	15
Pituitary ampules	29
Quinine, bottles	8
Renal ampules	11
Selenium	41
Silver solution, bottles	51
Sodium arsenate and ferrous citrate	1
Sodium cacodylate ampules	129
Spartaine, bottles	7
Spironal scatole fiale	876
Spleen	325
Stannoxyl tablets	101
Tamar indien grillon	484
Taxol	7
Testogan tablets	24
Thymus	17
Thyroid ampules	20
Thyroidine	5
Talmentina capsules	1
Trimine ampules	500
Trinitine	348
Valoseline	113
Vitaminex	4033
Vocalzone pastilles	
All other	

PARAGRAPH 61

Name	Quantity Pounds
Alcohol C. G.	1
Aldehyde C 10	2
Aldehyde C 12	3
Aldehyde C 14	3
Aldehyde C 18	5
All flowers E 4188	48
Ambergris, black	9
Ambergris, soluble	9
Ambergris synthetic	2

Name	Quantity Pounds	Name	Quantity Pounds
Ambre solid synthetic	4	Lavendar parfum	18
Amador rose centifolia	87	Lilac	2382
Aro	5	Lily of the valley	33
Aurila	22	Limb	5
Balsam Peru resinoid	88	Linalyl	1
Balsamol N base	7	Linalyl acetate	160
Bath salts compound	15	Lutrya	5
Bengalol	15	Marqueite	18
Benzonal	1	Methyl heptene carbonate	36
Bergamot	100	Methyl violone gamma	5
Betafol	470	Muguet No. 1	11
Bigarol	31	Muguetol	98
Bouquet parfum C 4241	82	Musk in grains	17
Bouvardine	5	Warceline	40
Brucelie	10	Narcissus	12
Butoline	10	Neroli	1
Buxine	11	Neroli No. 82	7
Cassie B	10	Nirral	1
Cassie S	10	Nuelle	5
Catalpine	16	Oak moss concentrated	215
Christmas extraflor	2	Oak moss liquid absolute	25
Chypre	152	Oak moss natural essence absolute	11
Citral	1434	Oak moss resin & essence	350
Citronellol	96	Odoral Christmas	4
Civet	2	Odoral loriganum	11
Civette parfumerie resine	2	Oellet R	150
Clymol	6	Oil of jasmine grade C	100
Composite flower essential oil	646	Oil of orange flowers	5
Cornatol	10	Oil of red rose	100
Cour	5	Oil of rose artificial liquid	100
Cratogine N	22	Oriental base M	68
Diamela S	358	Orris absolute extra	50
Dihydroxycitronellal	50	Orris natural essence superline	21
Duoyleyl aldehyde	2	Orris resin flavor	110
Eglantine F. S.	30	Perfume compound	4
Elilana	5	Perfume compound M.L. special	5
Essence No. 896	100	Petunia	44
Essence No. 1	100	Pommade	4
Essence No. 1 Iris de Florence	100	Portugal H2490	2
Essence No. 12 madia	200	Portugal parfum B4301	58
Essence pr. powder ganika	4	Rabitol	5
Essence of rose for soap	2	Real	10
Essence of soap	50	Red oil rouge A 4711	1
Ethyl geraniol	400	Resinarome labdanum	100
Eugenol	6	Resinarome tonka	25
Fenchone pure	1	Rhodalline	120
Flavone	15	Rhodinol formate	5
Floal	150	Rhodinol extra pure	50
Flowery parfum	39	Ro	5
Flural	15	Rosal	150
Fougere des bois	5	Rose AL 4294	334
Fraise compound	5	Rose de mai	3
Ga	25	Rose oil AS 2491	3
Geraniol B	250	Rose parfum	95
Geraniol C	25	Rose powder compound	10
Gum labdanum clarified	10	Rosinol	16
Heliotrope	66	Saffrol oil	8000
Honey for soap	55	Soap compound, Belgium	1
Hydrolene H. O.	423	Soap compound frangipani	1
Hydroxycitronellal	10	Soe	5
Ionone alpha	26	Sterax resin	111
Iris P. V. essence	5	Surelie	5
Iris essence naturelle	512	Terpineol	5
Irofenal	5	Filloul extra concentrated	88
Iso eugenol	325	Tonka resin	1
Jacintobiline	98	Turolal	2
Jacintol	10	Urozone	2
Jasmine	665	Vaseline oil	10
Jasmolone	422	Violet compound	4
Jasmon	110	Violet	4
Jasmarol	50	Violet Ketone	460
Jassmia	8	Violette oil	110
Labdanone	5	Violette parfum	5
Labdanum	20	Violone R	25
Lakporfum compound	10	Ylang parfum Q 5225	10
Laurine	599	All other	22

Prices Current of Fine and Heavy Chemicals, Drugs, Essential Oils, Dyestuffs and Oils

CLASSIFICATION—Prices quoted herein are listed in the following groups: Chemicals, including heavy, technical and industrial chemicals; fine, medicinal, and photographic chemicals; coal-tar crudes and intermediates; tanning and dye extracts; dye and tan woods; naval stores; fillers and pigments; dextrins, sizes and starches; fertilizer materials, accelerators and solvents, and miscellaneous products; Crude Drugs, including barks, herbs, roots, etc. Essential oils, including oleoresins, synthetic aromatic chemicals and isolates. Fatty Oils, including animal, vegetable, and fish oils, tallow, greases and fats. All groups are in alphabetical order.

Packages—Prices are for large quantities in original packages of the customary trading units of weight or measure. A container given in connection with a price does not necessarily mean that this is the quantity on which the price is based. Containers named are the original packages most commonly sold in this market.

QUOTATIONS—Chemical prices quoted herein are those of American manufacturers unless otherwise specified. Quotations on imported chemicals are so designated. Where resale or "second hand" stocks of any chemical products are sufficient to be considered a factor in determining the market, prices for goods in this class will be quoted in addition to makers' prices available, and indicated as such. Chemical prices quoted herein

are for goods spot New York or Metropolitan District, f. o. b. ex-store, for immediate shipment, unless otherwise specified. Numerous domestic made heavy or industrial chemical products are sold principally on a basis of f. o. b. works, and are thus quoted in the list herein, each instance of a "works" price, however, being specified as such.

Fatty Oils prices quoted herein are for goods spot New York unless otherwise noted; f. o. b. mills and Coast prices being designated as such. Crude Drugs and Essential Oils are quoted f. o. b. New York (Manhattan with limitations) for immediate shipment. Tanning and Dye Extracts are quoted spot New York unless otherwise noted.

WEIGHTS AND MEASURES—All quotations are made on a basis of avoirdupois pounds and ounces, and American gallons. The following equivalents are given for the reference of exporters, importers, and foreign buyers:

1 Imperial Gallon (British)	—1.20	American Gallons
1 American Gallon	— .833	Imperial Gallon
1 American Gallon	—3.79	Liters
1 Liter	— .264	American Gallon
1 American Gallon (Water)	—8.35	Pounds
1 Pound (Avoirdupois)	— .454	Kilogram
1 Kilogram	—2.20	Pounds

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Chemicals

Acetaldehyde, 85% com'l, 150 lb bbls	..	38
Acetanilid, tech., 150 lb bbls	..	31
100 lb kegs	..	33
USP, 100 lb bbls	..	37 1/4
Second hands	..	34
Acetic Anhydride	..	30
85% 107 lb chys	..	30
92-95%, 100 lb chys	..	29
Acetic Ether, see Ethyl Acetate	..	
Acetone, 50 gal drums	..	37
Acetone, CP, 700 lb drs e-l wks	..	13
Tank cars, wks	..	12
700 lb drs e-l wks	..	13 1/4
350 lb drs e-l wks	..	14
Acetone Oils, light, drs, wks	..	1.05
Heavy, drs wks	..	1.05
Acetophenidin, 225 lb bbls	..	1.00
Acetyl Chloride, 100 lb chys	..	.42
Acetylenetetrabromide	..	1.50
Acetylenetetrachloride Drums wks	..	1.10
ACID, 1, 2, 4, 250 lb bbls	..	1.25
Acetic, 28%, 400 lb bbls e-l	..	3.24
28% e-l wks	..	3.49
56% e-l wks	..	6.09
56% e-l wks	..	6.34
70% bbls e-l wks	..	7.51
70% e-l wks	..	7.76
80% com'l, e-l wks	..	8.41
80% com'l, e-l wks	..	8.66
80% pure e-l wks	..	9.30
80% pure e-l wks	..	9.55
Glacial, bbls e-l wks	..	11.47
Glacial, e-l wks	..	11.72
Glacial, USP, chys wks	..	12.23
Acetylacetic, 225 lb bbls	..	.70
Anthrillid, tech., drs	..	.80
99-100%, 100 lb drs	..	1.00
Benzoin, tech., 100 lb bbls	..	.68
Tech., ton lots bbls	..	.57
USP, 100 lb bbls	..	.61
Second hands	..	.55
Boric crys., powd, 250 lb bbls	..	.09 1/4
Kegs 100 lb	..	.10

PRICES CURRENT SECTION

ACID	..	
Butyric, 80% pure 5 lb bot	..	.55
90%	..	.70
CP 10 lb bot	..	1.35
Camphoric USP, VIII 1 lb bot	..	4.85
Carbolic, USP, crys see also Phenol	..	
112 lb tins	..	.24
25 lb tins	..	.27
5 lb tins or bot	..	.29
1 lb bot	..	.34
Liquid USP, 1 lb bot	..	.33
Crude, 35% 50 gal bbls gal	..	.31
10% 50 gal bbls	..	.25
Carbonic, see Carbon Dioxide	..	
Chloroacetic	..	
Mono 100 lb bbls wks	..	.25
Di, 150 lb chys wks	..	1.00
Tri, 5 lb bot	..	2.50
Chlorosulfonic, 1500 lb drs	..	.15
Chromic, USP, 200 lb drums	..	.40
98% Pure 400 lb drums	..	.37
Chromotropic, 300 lb bbls	..	1.25
Chrysanthemic, see Chrysanthemum	..	
Cinnamic, 5 lb cans	..	3.25
CITRIC, USP, crys, 230 lb bbls	..	.45
Fowd., USP, 200 lb bbls	..	.48
Imported crys., 112 lb kegs	..	.44 1/2
Single kegs	..	.47
Clove's 250 lb bbls	..	.95
Cresylic, 95% dark drs NY	..	.53
97-99% pale NY	..	.57
Crude, spot drums	..	gal
Diethylbarbituric, Dom., 25 lb lots	..	
1 lb bot	..	8.00
Imp., bulk	..	4.00
Formic, 85% tech., 140 chys	..	.10 1/4
90%-80% chys incl	..	.11
Gallie, USP, 150 lb bbls	..	.69
Tech.	..	.50
Gamma, 225 lb bbls wks	..	1.30
Glycerophosphoric, 25% 1 lb bot	..	1.85
H 225 lb bbls wks	..	.63
Hydrolic, 10% USP 5 lb bot	..	.68

ACID (Con't)	..	
Hydrobromic, 48% com'l, 155 lb	..	.45
chys wks	..	.48
48% com'l, 10 chys wks	..	.45
40% USP, 155 lb chys wks	..	.55
10% USP, 100 lb chys wks	..	.13
Hydrochloric, see also Acid Muratic	..	
CP, USP, 110 lb chys	..	.07
Hydrocyanic, wks crys	..	.90
HYDROFLUORIC, 30% 400 lb bbls	..	
wks	..	.06
30% 100 lb chys wks	..	.08
48% single 100 lb chys wks	..	.10
52% 100 lb chys wks	..	.12
52% 10 chys wks	..	.11
60% 100 lb chys wks	..	.14
60% 300 lb dr wks	..	.13
White Acid, 100 lb chys wks	..	.26
White Acid, 10 chys wks	..	.25
Hydrofluosulfic, 35% 450 lb bbls	..	.10
wks	..	.12
Hypophosphorous, USP 30% 5	..	
gal, demis	..	.35
USP, 10% 5 gal demis	..	.38
LACTIC, 22% dark 500 lb bbls	..	.05 1/4
22% light, bbls	..	.07
44% dark, bbls	..	.11
44% light, bbls	..	.13
66% dark, bbls	..	.13 1/2
66% light, bbls	..	.26
USP, IX 100 lb chys	..	.70
USP, VIII 100 lb chys	..	.50
Laurent's 250 lb bbls	..	.80
Metanilic, 250 lb bbls	..	.60
Mixed, Sulfuric-nitric	..	
Drums, wks	..	.07 1/4
Drums wks	..	.01
Tank cars, wks	..	.06
Tank cars wks	..	.008
Molybdic, 85% pure 100 lb kegs	..	1.25
100% CP, 100 lb kegs	..	1.30
Monosulfonic F.Delta 50 lb tins	..	1.65

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VEGETABLE OILS are generally obtained by subjecting oil-bearing seeds to high pressures, although it is recognized that complete recovery cannot be effected by this method because a certain amount of oil remains in the press-cake.

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Sulphur Black
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Ample stocks always carried to insure prompt deliveries.

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Chemicals

ACID

MURIATIC, 20° chys le-l		
Wks	100 lb	1.00 : 1.70
Chys, c-l wks	100 lb	1.35
Tank cars, wks	100 lb	1.00
18° 120 lb chys		
c-l wks	100 lb	1.35
Tank cars, wks	net ton	...
22° 120 lb chys		
c-l wks	100 lb	1.75
Muriatic, CP, & USP, see Acid Hydrochloric		
Naphthionic, tech., 250 lb bbls		.55 : .59
Neville & Winthor's 350 lb		
bbls		.95 : .99
NITRIC, 36° 135 lb		
Chys le-l wks	100 lb	5.00
Chys c-l wks	100 lb	4.75
38° le-l wks	100 lb	5.50
Chys c-l wks	100 lb	5.25
40° le-l wks	100 lb	6.00
Chys c-l wks	100 lb	5.75
42° le-l chys, wks	100 lb	6.50
Chys, c-l wks	100 lb	6.25
CP, chys single wks	100 lb	.12 : .13
Cralic, 300 lb bbls, wks		.10% : .11
Bbls, NY		.10% : .11
Keps, 100 lb NY		.11% : .11%
Imp., 560 lb casks		...
Phenolphthalein,	5.00 : 5.25	
Second hands	4.75 : 5.00	
Phosphoric, 50% tech., 150 lb		
Chys		.07 : .07%
Syrupy USP, 70 lb drums		.15 : .16
Demis		.16 : .17
Imported		.15 : .16
Second hands		.15 : .16
Phthalic, see Phthalic Anhydride		
Picramic, 300 lb bbls		... : .50

ACID

Floric, 450 lb cals		.30 : .33
Pyrogallie, crys., 5 lb cans		1.25 : 1.30
Resublimed, 5 lb cans		1.50 : 1.60
Tech., powd., 200 lb bbls		... : .85
Salter's tech., 125 lb bbls		.27 : .32
USP, 100 lb bbls		.30 : .31
Sulfanilic, 250 lb bbls		.15 : .18
SULFURIC, 66° 180 lb chys		
le-l wks	100 lb	1.50 : 1.85
Chys, c-l wks	100 lb	1.25
1.500 lb Drums le-l		
wks	100 lb	1.10
Drums c-l wks	100 lb	.80
Tank cars, wks	net ton	14.00
60° 1500 lb drums		
le-l wks	100 lb	1.00
Drums, c-l wks	100 lb	.75
Tank Cars, wks	net ton	9.50
CP, 175 lb chys		.07 : .08
Oleum 20 pc 1500 lb drums		
le-l wks	100 lb	1.40
Drums, c-l wks	100 lb	1.15
Tank cars, wks	net ton	17.00 : 18.00
Oleum, 40% drs le-l wharfton		... : 40.00
Oleum, 60% drs, le-l wharfton		60.00 : 70.00
Sulfurous, USP 6% 100 lb chys		.05 : .06
4% 100 lb chys		.04 : .05
USP, 5 gal demis		.06 : .08
Tannic, tech., 300 lb bbls		.30 : .40
USP, powd., 200 lb bbls		.75 : .80
USP, fluffy, 50 lb bbls		.75 : .80
Tartaric, USP, crys., 300 lb bbls		... : .29
USP, powd., 300 lb bbls		... : .29
Imp., USP, 240 lb bbls		.28 : .28%
Powd., 240 lb bbls		.28 : .28%
Tobias, 250 lb bbls		... : .85
Tungstic, 100 lb keps		... : 1.00

ACID

Valeric, CP, 10 lb bot		2.50 : 2.75
Aconitine Alk., cryst., 1 oz vis.		... : 30.00
Amorphous 1 oz vis.		... : 20.00
Adeps Lanæ hydrous 350 lb bbls		.20 : .21
Anhydrous, 350 lb bbls		.22 : .23
Albumen, Eng. edible		1.00 : 1.05
Tech. 100 lb drs		...
Blood 225 lb bbls		.55 : .60
Vegetable edible		.60 : .65
Technical		.50 : .55
ALCOHOL, amyl See Fuel Oil		
Benzyl, 5 lb bot		1.45 : 1.55
Butyl 50 gal drs wks c-l		.18% : .19%
Drums, le-l wks		.19 : .20
Tanks cars wks		18 : 19
Ethyl, USP, 190 pf 50 gal		
bbls	gal	4.75 : 4.80
Export	gal	.60 : .65
Anhydrous drums c-l	gal	... : .66
Cologne Spirit, 50 gal bbls gal		4.85 : 4.90
Denatured		
No. 1 complete denat., 190 pf		
50 gal bbl incl	gal	.35 : .40
Carlota	gal	... : .42
50 gal drums extra	gal	.32 : .42
Tank cars	gal	.30 : .40
No. 1 Special denat. 190 pf		
50 gal bbl incl	gal	.35 : .44
Carlota	gal	... : .42
50 gal drums extra	gal	.32 : .42
Tank cars	gal	.30 : .40
No. 5, Complete denat. 188 pf		
50 gal bbl incl	gal	.35 : .49
Carlota	gal	... : .42
50 gal drums extra	gal	.32 : .42
Tank cars	gal	.30 : .40
No. 6, Complete denat. 199 pf		
No longer manufactured		

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Butyl
Amyl

GRADES

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Lacquer
Bronzing
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Specifications.

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MURIATIC ACID
ACETIC ACID
SODIUM SILICATE
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*flow in a constant stream from
the nation-wide chain of
works and stations.*

Vast production facilities, and ample stocks in plant and storage, are of little worth to the customer, if they cannot be made quickly available for his use.

Trains of General Chemical Company's tank cars, and fleets of General Chemical Company's motor trucks, are ever traversing the nation's railways and highways, linking the Company's plants with the users of the products, delivering those products, in any quantity needed, at the customer's specified time.

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40 RECTOR ST., NEW YORK

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THE NICHOLS CHEMICAL CO., LTD., MONTREAL

Chemicals

ALCOHOL (Cont'd)

In addition to the regular authorized formulae for completely denatured alcohol some 75 formulae for specially denatured alcohol are authorized for special uses. Owing to the limitations of their uses however, prices are quoted by the alcohol producers only to holders of permits allowing the use of specially denatured formulae in products authorized by the Dept. of Internal Revenue.

Diacetone, 50 gal drs. light allowed	3.15	: 3.30
Isobutyl, crude 50 gal drs	...	...
Refined, 100 lb cans	...	...
Isopropyl, refined, 90-91%, 50 gal drs	1.00	: 1.25
Ref'd 98-99% drs	1.25	: 1.50
Phenylethyl 1 lb bot., dom	8.00	: 10.00
Propyl, nml., 50 gal drs	...	: 1.00
Aldehyde Ammonia 100 gal drums	.80	: .83
Aloin, USP, 100 lb cases	.85	: .88
Alpha-Naphthol crude 300 lb bbls	...	: .65
Refined	.85	: .90
Alpha-Naphthylamine, 350 lb bbls	.35	: .37
Ton lots bbls wks	...	: .35
ALUM, Ammonia, lump 400 lb bbls wks, le-1	3.15	: 3.50
Ground, 400 lb bbls wks	3.25	: 3.65
Powd, 380 lb bbls wks	3.55	: 3.90
Chrome, 500 lb cks, wks	5.25	: 5.50
Potash, lump 400 lb bbls wks	3.50	: 3.75
Bbls, e-1 wks	3.35	: 3.40
Imported lump	...	: 3.25
Ground, 400 lb bbls wks	3.50	: 3.85

ALUMS, Potash (Cont.)

Imp., 350 casks	100 lb	2.65	: 3.00
Powd., 380 lb bbls wks	100 lb	3.50	: 4.00
Chrome, 500 lb casks wks	100 lb	5.25	: 5.50
Grd., 400 lb bbls wks	100 lb	...	: 3.75
Bbls e-1 wks	100 lb	...	: 3.50
Aluminum metal, e-1 NY	100 lb	28.00	: 29.00
Chloride, anhyd., 275 lb drs	lb	.35	: .40
Crystals, 375 lb bbls	...	...	: .06 1/2
30% sol., 120 lb chys	...	...	: .03
Hydrate 96% light 90 lb bbls	lb	.17	: .18
Heavy 82-84% 220 lb bbls	...	.06	: .06 1/2
400 lb bbls wks	...	.06 1/2	: .07
Stearate, 100 lb bbls	...	.23	: .24
SULFATE, Iron-free bags e-1 wks	100 lb	2.00	: 2.10
Bbls e-1 wks	100 lb	2.15	: 2.25
Imported, spot	100 lb	1.60	: 1.65
Comm'l 1/2% iron bgs e-1 wks	East 100 lb	...	: 1.40
Cont. bgs e-1 wks E	100 lb	1.35	: 1.40
Bags, e-1 wks W	100 lb	...	: 1.40
Bbls, e-1 wks E	100 lb	...	: 1.55
Bulk e-1 cont. wks E	100 lb	...	: 1.50
Amidol (See Diaminophenol)			
Amidopyrine, Imp., 10 lb bxs	lb	4.60	: 5.00
Domestic 10 lb boxes	lb	4.60	: 4.75
Aminonobenzene, 110 lb kgs	lb	...	: 1.15
AMMONIA, anhyd 100 lb cys	lb	.13	: .15
Water 26° 800 lb drs del	lb	.03 1/2	: .04
Drs. e-1 delivered	...	.08	: .03 1/2
Tanks	...	.02 1/2	: .03
CP, chys	...	...	: .10

Ammonium Acetate, 100 lb kegs	lb	...	: .43
Benzoate, USP, 1 lb bot	...	...	: 1.27
Bifluoride, 300 lb bbls	...	.21	: .22
100 lb kegs	...	.22	: .23
Bromide, 450 lb bbls 50 lb bxs	...	...	: .55
Imported, 112 lb boxes	...	.50	: .52
Carb., tech., 560 lb cases	...	.08 1/2	: .09
Powd., tech., 550 lb cks	...	.07 1/2	: .07 1/2
USP, lump, 100 lb kegs	...	.11	: .11 1/2
Powd., 100 lb kegs	...	.13	: .13 1/2
Second hands	...	.11	: .11 1/2
Chloride, Domestic			
White, 250 lb bbls e-1	...	...	: .06
250 lb bbls le-1 wks	...	.06 1/2	: .06 1/2
Imported white 600 lb cks	...	.05 1/2	: .05 1/2
CP, USP, gran bbls	...	.13	: .13 1/2
Gray, 250 lb bbls, wks	...	.07 1/2	: .08
Bbls, e-1 wks	...	...	: .07
Imported gray 550 lb casks	...	.06 1/2	: .06 1/2
Lump, 500 lb casks, spot	...	.11	: .11 1/2
Ichthyolate, as to brand	...	4.85	: 5.00
Iodide, USP, 25 lb jars	...	...	: 5.20
Lactate, 500 lb bbls	...	.15	: .16
Refined Crystals bbls	...	...	: .20
CP gran., 100 lb kegs	...	.35	: .37
Oxalate, pure 100 lb kegs	...	.35	: .37
Persulfate, 112 kegs	...	.25	: .30
Imported 220 lb bbls	...	.34	: .35
Phosphate, dibasic 200 lb bbls	...	...	: .38
Mono, 325 lb bbls	...	.13	: .12 1/2
Tri basic 325 lb bbls	...	...	: .04
Sulleyate USP, 100 lb kegs	...	.75	: .80
Sulfate bulk e-1	100 lb	...	: 2.65
Southern points	100 lb	...	: 2.70
200 lb dbl. bgs fas	100 lb	...	: 2.65
Sulfate-Nitrate, bulk fob NY Unit	...	...	: 2.29
Sulfoyanide, tech., 100 lb kgs	...	.40	: .45
CP, 25 lb jars	...	.50	: .55
Amyl Acetate, tech., 50 gal drs	gal	1.75	: 1.85
Refined, 50 gal drums	...	1.90	: 2.00
Alcohol, see Fuel Oil			

THE CLEVELAND-CLIFFS IRON COMPANY

CLEVELAND OHIO

METHANOL

DENATURING METHANOL

DISTRIBUTING WAREHOUSES

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PLANTS Marquette and Antrim, Mich.

Chemicals

.43	Amyl Butyrate absolute cans	1.20	1.30	BARIUM BINOXIDE, see Barium dioxide		Benzidine Base, dry 250 lb bbls	.70	.72
1.27	ANILINE OIL, 960 lb drums	.18	.17	Bromide	.44	Benzoic Acid Sulfate, paste 350 lb		
.22	Hydro Bromide		.75	Bromate	.70	benzoic Acid Sulfate, paste 350 lb	.68	.70
.23	Aniline Salt, 200 lb bbls	.23	.24	Carbonate, precip., 300 lb bbls		Benzol, see Benzene		
.55	Annatto, fine	.41	.48	wks	52.00	Benzonaphthol, 5 lb boxes	3.50	3.60
.52	Anthracene 80-85% 600 lb casks			Precip., 200 lb bbs, wks ton	50.00	Benzoyl Chloride, 500 lb drs		1.00
.09	wks	.60	.65	Imports bags NY	51.00	Benzyl Acetate 100 lb clys	1.30	1.40
.07%	Anthraquinone, sub 125 lb bbl	.90	1.00	Chlorate, 112 lb kegs NY	.12	Benzoate, bulk	1.15	1.35
.11%	Needle powd., 100 lb cases	.21 1/2	.22	Chloride, 800 lb bbls wks	65.00	Medicinal FFC	1.75	2.00
.11%	Bromate		1.50	200 lb bags, wks	63.00	Chloride 95% tech., 925 lb drs		.25
.06	ANTIMONY CHLORIDE, anhyd 1000 lb			Imports, large crystals, bbls	63.00	100 lb clys	.25	.30
.06%	drs	.76	.17	Spot		Redistil. 160 lb clys	.30	.35
.05%	50 lb casks	.45	.48	Dioxide, 88% 690 lb drs	.13	Formate, 1 lb bot	3.25	3.50
.13%	Sol'n 130 lb carboys 48"		.17	Import, 86-88% 400 lb drs	.13	Berberine Hydrochloride, 1 lb bot		22.50
.08	Oxide, 500 lb bbls	.18	.18 1/2	Hydrate, 500 lb bbls	.04 1/2	Sulfate, acid or neut. 1 lb bot		22.00
.07	Sulfuret golden 250 lb bbls	.15	.16	Iodide, 5 lb box		BETA-NAPHTHOL, 350 lb bbls wks		.24
.06 1/2	Crimson 250 lb bbls	.25	.27	Nitrate, 700 lb casks		Carlots wks		.22
.11%	Vermillon, 250 lb bbls		.37 1/2	Imports casks	.07	Sublimed	.55	.60
5.00	Tartrolactate, 500 lb bbls		.45	Sulfocyanide 600 lb bbls	.27	Beta-Naphthylamine, tech., 200 lb		.67
5.20	Tribromide		1.05	Barytes, floated 350 lb bbls wks ton	23.00	bbls	.63	.67
.16	Antipyrine USP, 100 lb cases	1.75	1.90	Imported	29.00	Sublimed, 200 lb bbls		1.35
.37	Second hands	1.70	1.75	Crude, c.l.f.	9.00	Bichloride Mercury, see Mercury Bichloride		
.37	Apomorphine Hydrochloride, 1/4 oz vials		22.10	Bay Rum, Porto Rico, genuine		BISMUTH metal, 100 lb cases		3.35
.30	Archil, double 600 lb bbls	.13	.14	Medicated salicyl. acid or tartar emetic		Second hands	2.95	3.00
.35	Triple, 600 lb bbls	.16	.17	45 gal bbls	.90	Ammon. Citrate, USP, 5 lb cans	5.75	5.80
.38	Cone, 600 lb bbls	.18	.20	Medicated quinine sulf., 45 gal		Betanaphthol, 5 lb bxs.	3.30	3.35
.12 1/2	Arecoline Hydrobromide, 1 oz. v. oz.	7.75	8.75	bbls	.90	Citrate, USP, 5 lb cans	3.00	3.05
.04	Second hands	7.50	8.00	Domestic synthetic, 50 gal	.70	Chloride	3.55	3.60
.80	Argols, red powd., 350 lb bbls	.06 1/2	.07	Bbls	.70	Hydroxide	3.40	3.45
2.65	Arsenic metal 220 lb kegs	.45	.50	St. Thomas		Nitrate, 25 lb jars	2.05	2.10
2.70	Red, 224 lb kegs cases	.11 1/2	.12	Medicated salicyl. acid or tartar		Oxide anhyd	3.80	3.85
2.65	White 220 lb cases to 550 lb			emetic 50 gal bbls gal	.85	Oxychloride, 25 lb bxs	3.50	3.55
2.29	Bbls NY	.03 1/2	.04	Benzaldehyde, tech., 945 lb drs.		Phenolsulfonate, 5 lb cans	3.05	3.10
.45	Asbestos c-l		14.50	wks	.65	Salicylate, 25 lb bxs	1.95	2.00
.55	le-l		15.00	USP, 40 lb clys	1.15	Subcarbonate, USP, 25 lb bxs	3.45	3.50
1.85	Aspirin, see Acid acetylsalicylic			FFC, 40 lb clys	1.40	Second hands	3.35	3.40
2.00	Atropine Alk., USP, 1 oz vial	4.50	7.50	BENZENE		X-Ray diag 1 lb bot	3.80	3.85
	Sulfate, 5 oz cans	3.00	3.50	Comm. 90% 8,000 gal. tks wks gal	.24	Subgallate, USP, 25 lb bxs	2.80	2.85
	Second hands	2.65	2.75	Non-Corrosive 90% tks wks gal	.25	Subiodide, 5 lb lots	4.65	4.70
	Single ounce		3.15	Commercially pure tks wks gal	.24	Subnitrate, USP, 25 lb jars	2.85	2.90
				Non-Corrosive pure tks wks gal	.25	Second Hands	2.75	2.80
				Nitration tks wks	.26	Cones, 1 lb bot	3.85	3.90
				Drum lots 5c gal higher		Subsalicylate, USP, 25 lb bxs		3.55
						Tannate	2.60	2.65

SELDEN Brand 99.99+% Pure PHTHALIC ANHYDRIDE

PHENOLPHTHALEIN. The manufacture of Phenolphthalein from Selden Brand phthalic anhydride is a well established method which has proven its worth. Purity of raw materials results in low production costs.

THE SELDEN COMPANY

Pittsburgh, Pa., U.S.A.

Chemicals

BISMUTH (Continued)			Butter of Antimony, see Antimony Chloride			CAMPOR (Cont'd)		
above on basis 25 lb lots			Butyl Acetate, tank cars, wks gal	1.55		2 1/2 lb slabs, 100 lb cs	.85 1/2	
Smaller lots at an advance			Drums c-l wks	1.57		1 lb cakes, 100 lb cs	.85 1/2	
Tri-Bromophenol	100 lb	4.00	Drums l-l wks	1.60		1 oz. tab., 1 lb ctna.		.90
Blanc Fixe, dry 400 lb bbls wks ton	80.00	80.00	Aldehyde, 50 gal drums wks	.75		100 lb cs		.90
Imported, bbls	70.00	72.00	Propionate drums	2.40	2.50	Jap., ref., 2 1/2 lb slabs, 100 lb		.79
Paste, 650 lb bbls c-l	55.00	65.00	Tartrate, drums	.57	.60	ca		.77
BLEACHING POWDER, 700 lb drums			CADMIUM, metal 100 lb bxs			Powd.		.84
c-l wks contract	100 lb	2.00	Bromide, 50 lb cases jars wks lb	1.15	1.20	1 oz. tab., 100 cs		.84
l-l wks contract	100 lb	2.15	Iodide, 10 lb bot		4.45	ca		.84
c-l spot wks	100 lb	2.10	Sulfide cs	1.20	1.25	1/2 oz. tab., 100 lb cs, 1 lb		.85
l-l spot wks	100 lb	2.25	CAFFEINE ALK., USP, 5 lb cans			tins		.85
l-l spot ex-warehouse, 100 lb	2.35	2.50	Citrated, 25 lb cans	3.40	3.50	Crude, 100 lb cs		.56
300 lb drums c-l, wks contract 100 lb	2.25	2.50	Hydrobromide, 1 lb bot	4.65	4.90	Campor, liniment, bbls	2.25	2.30
c-l spot wks	100 lb	2.35	Hydrochloride, 1 lb bot	6.05	6.55	Campor Monobrom, 100 lb cs lb	1.85	1.90
l-l wks contract	100 lb	2.40	Sulfate, 1 lb bot	5.40	5.90	Caramel, 50 gal bbls	.65	.70
l-l spot wks	100 lb	2.50	CALCIUM, Acetate, 150 lb bps c-l			Carbonazol, 250 lb bbls		.15
Blood dried, f.o.b. NY	unit	3.75	100 lb	3.25		Carbon Bisulfide, 500 lb dric-INT	.06	.06 1/2
Chicago	unit	3.75	Arsenate, 100 lb bbls c-l wks lb	.06	.06 1/2	c-l drums, NY		.05 1/2
S. Am. Shipment	unit	3.50	Bromate	1.50		Carbon Black, c-l wks bps		.08
Blues, bromine Chinese, Milori			Bromide, 100 lb cs	.60		100-300 lb cases l-l NY		.12
Prussian Soluble	lb	.30	Carbonate 220 lb dr. c-l wks lb	.05 1/2	.06 1/2	Decolorizing 40 lb bps c-l		.08
Blue Vitriol, see Copper Sulfate			Carbonate tech., 100 lb bags			90 lb drums c-l		.15 1/2
Bone 3 & 50 gr steam Chgo. ton		30.00	c-l	1.00	1.10	Carbon Dioxide, Liquid, 20-25 cy		.06
Imp.	ton	35.00	USP, precp., 175 lb bbls		.06 1/2	Tetrachloride, 1400 lb drs del lb	.09 1/2	.07
Raw, NY	ton	34.00	Chloride, solid, 650 lb drs c-l	21.00	23.00	Drums c-l delivered		.06 1/2
Bone Ash, 100 lb kegs	.06	.07	f.o.b. wks			Carmine, No. 40, 5 lb boxes	5.00	5.25
Black, 200 lb bbls		.08 1/2	Imp., Shipment		19.50	Casein, edlb., 100 lb keg	.45	.65
Borax, crys., 400 lb bbls	.05 1/2	.05 1/2	Flake, 375 lb drs, c-l drs. f.o.b.			Tech., 200 lb bbls	.13	.13 1/2
Powdered, 300 lb bbls	.05	.05 1/2	wks		27.00	100 mesh	.16	.17
Kegs, 100-150 lb	.05 1/2	.06	Anhyd., 350 lb drs f.o.b. NY	.18	.20	Castor Oil, USP, 50 gal bbls lb	.17	.17 1/2
Bordeaux Mixture, 16% pd	.11 1/2	.13	Glycerophosphate, 250 lb bbls lb		1.40	Cases, 80 lb 2 tins	.18	.18 1/2
Paste, bbls	.08	.10	Hypophosphite, USP, 25 lb cans lb	.60	.65	Tech., see Fixed Oils		
Borneol, See Aromatic Chemicals			Iodide, 5 lb bot		4.35	Caustic Potash, see potash, caustic		
British Gum com c-l	100 lb	4.37	Lactate, tech., 500 lb bbls		.35	Soda, see soda, caustic		
l-l	100 lb	4.37	USP	.50	.60	Cellulose Acetate 50 lb kegs		1.45
Bromide, see potash, bromide etc.			Nitrate, 220 lb bbls c-l NY ton		52.00	Cerium Oxalate, USP, 100 lb kegs	.33	.35
Bromine, bot. in 50 lb cs. wks lb	.45	.47	Phosphate, tech., 450 lb bbls lb	.09	.10	Chalk, drop 175 lb bbls	.03	.03 1/2
Bromobenzene, 600 lb drums lb		.50	Phosphate, mono, 325 lb bbls lb	.07	.08	Precip., light 250 lb bbls csks lb		.04 1/2
Bromoforn, USP, 5 lb bot cs lb	1.85	1.85	Stearate bbls	.23	.25	Precip. heavy 560 lb csks	.02 1/2	.03 1/2
Brucein Alkaloid, 100 ozs		.10	Sulfocarbamate, 100 lb kegs lb	.55	.57	Bulk	5.00	
Sulfate, 100 ozs		.10	CAMPOR, Amer., ref., 250 lb			Precip. English, 7 lb bags		.08 1/2
Second hands		.08 1/2	bbls		.84	Precip. heavy 560 lb csks	.03 1/2	.03 1/2

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.85%
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.80
.77
.84
.85
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2.30
1.90
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.06½
.05½
.08
.12
.15
.15%
.06
.07
.06½
5.25
.65
.13½
.17
.17½
.18½
1.45
.35
.03%
.04½
.03½
...
.08½
.03%

CHARCOAL			
Hardwood, lump, bulk wks	..bu	.18	.19
Spot, NY	..bu	.24	.26
Wood, powd., 100 lb bbls	..b	.04	.05
Willow, powd., 100 lb wks	..bbls	.06	.06
Chestnut, clarified, 25% tis, wks	..b	.01½	.01½
Bbls, wks	..b	.02	.02½
Powd., 60% 100 lb bags wks	..b	.05½	.05½
Decolorized bags wks	..b	.06½	.07
China clay, Dom bulk wks	..ton	6.00	9.00
Washed & Ground wks	..ton	11.00	15.00
Imp., Filler Clay	..ton	15.00	23.00
Coating	..ton	20.00	25.00
Chinoidin, 140 lb drs	..b	...	1.40
Chloral Hydrate, USP, 100 lb drs	..b	.80	.85
25 lb jars	..b	.68	.70
Chloroform USP 200 lb bbls	..b	...	1.75
Chloroacetic, 5 lb bot	..b	.55	.65
Chlorhydrin, Ethylene anhyd., 600 lb drums	..b	.75	.85
40% sol'n., 100 lb cys	..b	.25	.30
CHLORINE, Liquid, tank or multi-unit car wks contract	..b	...	.04
Tank car spot wks	..b	...	.04
Carlots cyl. wks, contract	..b	...	.05½
spot, wks	..b	...	.05½
l-cyl. wks, contract	..b	.08	.09
Spot wks	..b	.08½	.09½
Chlorobenzene, mono 1,000 lb drs, wks l-cyl.	..b	...	.07
CHLOROFORM USP, 650 lb drs	..b	.30	.32
Second Hands, 650 lb drs	..b	.25	.27
Technical, 1,000 lb drums	..b	.20	.22
Chlorophyll Oil Sol.	..b	3.75	4.00
Water Sol.	..b	3.75	4.00
Chromium Acetate 20° sol'n. 400 lb bbls	..b	...	.05½
Fluoride, Powd., 400 lb bbls	..b	.27	.33
Oxide, Green bbls	..b	.34½	.35½
Chrome Green, C.P.	..b	.26½	.38
Comm.	..b	.06½	.11
Chrome Yellow	..b	.16	.17

Chrysarobin Powd., 400 D bbls lb	...	3.50
Cinchonine alk., powd., 1000s tins oz	...	.38
Crystal	...	.65
Cinchonidin Sulfate, 1000s tins oz	...	.35
Resale, 1000 lots	...	.32
Cinchonine alk. powd., 1000s tins oz	...	.38
Crystal	...	.43
Sulfate 100 oz tins	...	.25
Citric Acid, see Acid Citric		
Citrine Ointment, See Mercury		
Coal Tar, See Tar		
Cobalt metal, 100 D kegs	2.50	3.00
Cobalt Oxide, 500 D bbls	2.00	2.10
10 lb tins, 200 D cases	...	2.20
COCAINE, alk., USP, 1 oz vial oz	...	10.57
Hydrochloride, USP—1 oz vials	...	
25 ozs	...	8.07
In $\frac{1}{4}$ oz. vials	...	8.50
In crystals, granular, powder, or flaky crystals as desired		
Cocoa Butter, bulk, 200 D bales		
c-1	...	.31
Fingers, cakes, etc., 12 D bxs lb	...	.37
CODEINE, alk. oz. vials 10 oz	...	9.87
lots	...	
Hydrobromide, 1 oz vials, 10 oz	...	9.82
lots	...	7.92
Hydrochloride, 1 oz. vials, 10 oz	...	
lots	...	7.42
Nitrate, 1 oz vls. 10 oz. lcts oz	...	8.87
Phosphate, 1 oz. viala, 10 oz	...	
lots	...	7.42
Salicylate 1 oz vials., 10 oz	...	
lots	...	7.42
Sulfate, 1 oz vls 10 oz lots oz	...	7.92
Small sizes, $\frac{1}{4}$ oz vials, 50c ex		
$\frac{3}{4}$ oz 30c extra, single 7c ex		
per oz.—25 oz lots, 10c oz		
cheaper than above. Less than		
10 ozs. 15c oz higher than		
above.		
CODLIVER OIL, Norwegian, 30 gal		
bbls	29.50	31.00

Colchicine alk., USP., 1 oz vial oz	...	30.00
Sallycilate 1 oz vial	...	35.50 35.50
Collodion, USP., 30 lb drums	.. lb	.. 23
600 lb drums	.. lb	.. 22
Flexible, drums	.. lb	.. 24 25
COPPER metal electrolytic c-l		
NY	100 lb	13.87% 14.00
Lake c-l NY	100 lb	14.00 14.12%
Casting c-l NY	100 lb	.. 13.75
Carbonate 400 lb bbls	.. lb	.. 16% 17%
Chloride, 250 lb bbls	.. lb	.. 28
Cyanide, 100 lb drs	.. lb	.. 48 50
Iodide 5 lb bot	.. lb	.. 5.65
Oxide, red 1000 lb bbls ton lots	.. lb	.. 16% 17
Sub-Acetate, verd., 400 lb bbls	.. lb	.. 17 18
SULFATE crys., 450 lb bbls l-l		
spot	100 lb	4.90 5.00
Carlots bbls spot	100 lb	.. 4.75
Carlots bbls bot NY 100 lb	.. lb	.. 4.80
Powdered 350 lb 5 bbls 100 lb	.. lb	.. 5.25
Coppers bulk c-l NY	.. ton	12.00 13.00
200 lb bgs. c-l whs	.. ton	15.00 16.00
400 lb bbls c-l whs	.. ton	16.00 17.00
Powdered bbls c-l whs	.. ton	1.90 2.00
Sugar, 400 lb bbls	100 lb	1.25 1.35
Corn Syrup, 42 deg., 50 gal		
bbls	100 lb	.. 3.31
43 deg. 50 gal bbls	100 lb	.. 3.36
44 deg. 50 gal bbls	100 lb	.. 3.43
45 deg 50 gal bbls	100 lb	.. 3.50
Corn Sugar, see Glucose		
Cotton Soluble	100 lb bbls wet lb	40.00 42
Cottonseed, Meal 7%	.. ton	34.00 35.00
Cummarin, 25 lb tins 100 lb	.. lb	3.00 3.10
CREAM TARTAR, USP., 300 lb		
bbls	100 lb	.. 32 32%
Imp., powd., USP., 224 bbls lb	.. lb	.. 21 21%
Creosote, USP., 42 lb drums	.. lb	.. 40 42
Carbonate, 100 lb, 50 lbs., lb	.. lb	1.70 1.80
Creosote Oil, Neutral, 50 gal drums	.. lb	.. 20 21
10-15% Tar acid	.. gal	.. 25 26
25-30% Tar acid	.. gal.	.. 28 29
Cresol, USP., 400 lb drums	.. lb	.. 20 nom.
Cudbear, English	.. lb	.. 17 18

PHENOL

Congealing Point 40°C Minimum

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Standard Brand, Double Pressed
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Wool Soap	Metal Polish
Wool Lubricating	Textile Soaps
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Chemicals

Duten Mangon 100 lb bales .. lb			Divi Divi Extract lb			Kthylene Glycol lb		
Tablets, 120 lb boxes .. lb			Pods, bags ship ton			Tri Chloride lb		
Borneo solid, 100 lb bales .. lb			Dover's Powder USP, 5 lb tins ..			Ethylidenaniline lb		
Cyanamide, bulk c-l wks Amm unit			Duboisine Sulfate, 1 oz vial .. oz			Eucalyptol, 25 lb cans lb		
Imp Amm unit			EARTH, Diatomaceous, see Kieselguhr			Feldspar, bulk ton		
Cyclohexanol, see Hexalene			Egg Yolk, 200 lb cs lb			FERRIC CHLORIDE, tech., crys.		
Cymene, See Para-Cymene			Emetine alk., 15 gr., vial ea			475 lb bbls lb		
Dextrin, white corn 140 lb bgs			Hydchilde, USP, 1 oz vial oz			Imported lb		
c-l 100 lb			Second hands oz			C.P. crys. 100 lb kegs lb		
bags c-l 100 lb			EPSON SALT, tech., 300 lb bbls			Imported lb		
Canary 100 lb			NY 100 lb			Neut. Sol'n., 42° 140 lb chys ..		
bags lc-l 100 lb			Bbls c-l NY 100 lb			46° 140 chys lb		
Potato, white, 220 lb bags lc-l ..			100 lb c-l NY 150			USP, Sol'n., 125 lb chys		
Yellow 220 lb bags lb			Imp. 220 lb bgs c-l 115			Bromide, solution lb		
Tapioca, 200 lb bags l-cl			100 lb 10 bbls 120			Ferrous Bromide, sol'n.,		
DIAMINOPHENOL, 100 lb kegs ..			Imp. 300 lb 10 bbls 250			Chloride, crys. tech. 475 lb bbls		
Diamyl Phthalate, drums wks .. gal			Carlots, bbls kegs 100 lb ..			Sulfide, 1000 lb bbls 100		
Dianisidine, 100 lb kegs			Imported 400 lb bbls 170			Fish Scrap, dried wks unit		
Dibutyl Phthalate, gal			See hands 100 lbs			Acid Bulk 7 & 3 1/2, Deltv.		
Dibutyl Tartrate, 50 gal drums ..			Ergotin, Bonjean, 1 lb jars			Norfolk & Balt basis unit		
Dichlorobenzene, 1000 lb drs ..			Esarine alk., 1 oz vial oz			Flske-White, see lead white ..		
Dichloromethane, Drums wks			Salicylate, USP, 1 oz vial oz			Flavine Lemon 55 lb cs lb		
Diethylamine, 400 lb drs			Sulfate, USP, VIII, 1 oz vial ..			Orange 70 lb cs lb		
Diethylamine, 850 lb drs			ETHER, USP, 55 lb drums			Fluorspar, 95% 220 lb bags ..		
Diethyl Carbonate, drums gal			Anaesthesia, 55 lb drums			dock ton		
Diethyl Phthalate 25 lb cans			USF, 1880 55 lb drums			96% bgs ton		
1000 drs			Washed, 55 lb drums			98% bgs ton		
Diethyl Sulfate tech., 50 gal drs ..			Motor 1 lb bottles lb			FORMALDEHYDE, USP., 400 lb bbls		
C.P. drums			Ether, Nitrous, 1 lb bot			c-l wks lb		
Digitatin, Pure, 1 oz vial			Ethyl Acetate, 99% 50 gal drs gal			Carboys 100 lb lc-l wks		
high test oz			85% Ester, 10 gal drs gal			Bbls 400 lb lc-l wks		
Dimethylamine, 400 lb drs			Carlots, drums gal			Formaldehyde Aniline 100 lb drums		
Dimethylaniline 840 lb drs wks ..			Tank cars gal			Fossil Floor lb		
Dimethylsulfate, 100 lb drs			Aceto Acetate drums wks			Formaniline lb		
Dinitrobenzene, 400 lb bbls			Benzyl Aniline, 300 lb drs			Imported 230 lb bags NY		
Dinitrochlorobenzene, 400 lb bbls ..			Bromide, 115 lb drs			Furfural, 500 lb drums		
Dinitrochlorine, 300 lb bbls			Butyrate cans lb			Carlots lb		
Dinitronaphthalene, 350 lb bbls ..			Chloride, 200 lb drs, 15 lb cyl ..			Fuel Oil, 10% Impurities drs gal		
Dinitrophenol, 350 lb bbls			Lactate drums wks gal			Refined lb		
Dinitrotoluene, 300 lb bbls			Methyl Ketone, 50 gal drs			Fustic, solid 50 lb boxes		
Dionin, see Morphine, Ethyl			Oralate drums wks lb			Crystals, 100 lb boxes		
Diocthotylguanidine, 275 lb			Ethylene Bromide, 600 lb drs			Liquid, 51°, 600 lb bbls		
bbls, wks lb			Chlorhydrin, anhyd. 50 gal drs ..			Fustic, sticks ton		
Diphenylamine lb			40% Solution, 50 gal bbls			China lb		
Diphenylguanidine, 5,000 lbs ..			Dichloride, 50 gal drs			G SALT, paste 360 lb bbls basis		
100 lbs lb			Tank cars lb			Gall extract lb		

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.04
.40
40.00
.20
.17%
1.25
3.50
.23
.22
.10
32.00
.05
.21

Gambler 25% liq., 450 lb bbls	D	.12	: .14
Common 200 lb cases	D	.19%	: .20
Singapore cubes, 150 lb bags	D		: .23
Gelatin, USP, silver 1 lb 100 lb cs	D	.60	: .65
Gold Label, 100 cases	D		: 1.00
Technical, 100 lb cs	D	.45	: .50
Pure Food, 50 lb bbls	D	.55	: .60
Sheets	D	.53	: .55
GLAUBER'S SALT, tech., 200 lb bags			
c-1 wks	100 lb	1.05	: 1.10
lc-1 wks	100 lb	1.20	: 1.30
350 lb bbls, c-1 wks	100 lb		: 1.10
Bbs., lc-1 wks	100 lb	1.25	: 1.35
Imported, bags NY	D		: .80
USP, 300 lb bbls, imp., sp. 100 lb	D		: 1.25
USP., 300 lb bbls, dom. sp. 100 lb	D		: 1.75
USP., 300 lb bbls, c-1 wks 100 lb	D		: 1.40
Calcined, see Sodium Sulfate			
Glucose, (Grape Sugar) dry, 100			
70° bags c-1 NY	D	3.14	: 3.24
80° bags c-1 NY	D	3.21	: 3.34
Tanners' Special 100 lb bags 100 lb	D		: 3.14
GLUE, pure white bbls	D	.22	: .26
Medium white, bbls	D	.20	: .24
French bbls	D	.18	: .25
High Grade, bbls	D	.35	: .40
Bone, regular, bbls	D	.10	: .12
Fish, bbls	D	1.50	: 1.75
Hide bbls	D	.14	: .24
GLYCERIN, C.P. 550 lb drums	D	.23%	: .24
Cans, 50 lb	D		: .25%
Dynamite, 100 lb dr	D	.22	: .22%
Saponification tanks	D		: .16%
Soap, Lye tanks	D	.15	: .15%
Gos Powder, see chrysarobin			
Graphite, crude, 220 lb bags	ton	15.00	: 35.00
Flake 500 lb bbls	D	.05	: .09
Ground Imp., bbls	D	.04	: .05
Gualacol liquid USP., 100 lb chys	D	2.00	: 2.25
Crystals	D	2.25	: 2.50
Benzoate, 1 lb bot	D		: 13.00
Carbonate, 5 lb boxes	D	2.50	: 2.75
Second Hands	D	1.90	: 2.00
HAARLEM OIL, Dom., 6 gr. cs. gr.	D	3.20	: 3.80
Imported 5 gr. cases	D		: 3.50
Halazone 5 lb bot	D	2.75	: 3.25

HEMATINE, Paste, 500 lb bbls	D	.09	: .12
Crystals, 400 lb bbls	D	.12	: .20
Hemlock, 25% 600 lb bbls wks	D	.03%	: .03%
Hemlock, bark	ton		: 16.00
Hexachlorethane Drums wks	D		: .45
Hexalene, 50 gal dra. wks	D	.55	: .57
Hexamethylenetetramine, USP.,			
100 lb drums	D	.60	: .62
Imported	D	.54	: .58
Rubber Makers, Impalp. Pd.			
dra	D	.80	: .82%
Hi-Flash Naphtha 8,000 gal tks wks	D		: .35
gal	D		: .40
Drums wks	D		: .40
Homatropine Hydrobrom USP., 1 oz	oz		: 14.50
vials	oz		: 13.50
Five ozs., 1 oz vials	oz	20.50	: 21.00
Hydrastine, Alk., USP., 1 oz vials	oz	18.00	: 20.00
Second hands	oz	20.50	: 21.00
Hydrastine Hydrochloride, USP., 15 gr	oz	22.50	: 23.00
vials	oz		: 40.00
HYDROGEN PEROXIDE, 25 vol. 400 lb	D	.07	: .07%
bbls	D	.04%	: .05
10 vol	D	.08	: .08%
15 vol	D	.07	: .07%
17 vol	D	.32	: .34
100 vol. 140 lb chys	D	.03%	: .04
USP., Sol'n. 375 lb bbls	D		: .46
100 vol 145 chys	D		: 7.50
USP., bot, 4 oz cases	gross	11.00	: 11.25
Bot. 8 oz cases	gross	18.00	: 18.25
Bot. 16 oz cases	gross	1.25	: 1.50
Hydroquinone, 100 lb kegs	D		: 18.57
1 oz	oz		: 25.07
Hyoseline Hydrobrom. USP., 1 oz	oz		: 75.07
Hyoscyamine Alk., Cryst., 1 oz vials	oz		: 35.07
Alkaloid, Amorphous, 1 oz vial	oz		: 25.07
Hydrobromide, USP., 1 oz vial	oz		: .12
Sulfate, 1 oz vial	oz		: 1.30
Hyperic, 51°, 600 lb bbls	D	.14	: .15
Indigo Madras bbls	D	4.20	: 4.25
20% paste drums	D	4.65	: 4.70
IODINE, crude 200 lb kegs	D		
Resublimed, 10 lb jars	D		

Iodine Tinct., USP., 50 gal bbl gal	gal		: 4.85
Carboys	gal		: 4.90
Second Hands	gal	4.60	: 4.65
Crystals, 10 lb bot	D		: 6.05
Iodides, see Potass. Iodide, etc.			
Iodoform, powd., 10 lb bot	D		: 6.00
Iridium, metal 10 oz. lots	oz		: 260.00
Iron, metal by hydrogen 1 lb bot	D	.68	: .70
IRON & AMM. CITRATE, USP., 50 lb			
cans	D		: .69
Bromide	D	1.10	: 1.22
Cacodylate, 100 lb bot	D	8.00	: 8.10
Citrate, USP., VIII 25 lb cans	D	.94	: 1.01
Chloride, see Ferric or Ferrous			
Hypophosphite, 5 lb cans	D	1.55	: 1.60
Syrup, USP., 5 lb, bot	D	.35	: .36
Iodide, 1 lb bot	D		: 4.28
Syrup, USP., 5 lb bot	D	.35	: .36
Nitrate, kegs	D	.09	: .10
Com'l. bbls	100 lb	2.50	: 3.25
Oxalate scales, 25 lb cans	D	.88	: .97
Oxide, red Spanish	D	.02%	: .03%
English	D	.10	: .12
Perochloride see Ferric Chloride			
& Ammon. Oxalate, 25 lb bbs	D	.37	: .40
& Potassium Oxalate, 250 lb	D		: .43
bbls	D	.32	: .35
& Sodium Oxalate, 24 lb bbs	D		: .69
Phosphate, USP., 50 lb	D		: .74
Pyrophosphate, USP., 50 lb	D		: 4.00
JALAP RESIN, lump, 5 lb tins	D		: 4.65
Powd., tins	D		: 4.65
Powd., tins	D		: 60.00
KIESELGUHR, 95 lb bags NY ton	ton	60.00	: 70.00
LANOLIN See Adepa Lanase			
Larch, 25% 600 lb bbls wks	D	.03%	: .04
Powd., 100 lb bags wks	D	.08	: .09
LEAD, metal c-1 NY	D		: 7.90
Acetate, white crystals, 500 lb	D		: .14
bbls, wks	D		: .15
100 to 250 lb kegs wks	D		: .14%
White, broken bbls wks	D		: .15
White, gran bbls wks	D		: .14%
White, powd., bbls wks	D		: .13%
Brown, broken bbls wks	D		: .13%



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Chemicals

LEAD ACETATE (Cont'd)			LITHOPONE (Continued)			MANGANESE DIOXIDE (cont'd)		
USP., 100 lb kegs	..	.19	Bags c-1 wks	..	.05%	Dioxide, 80-84% 900 lb bbls	..	85.00
Arsenate, 100 lb kegs	..	.15	Imported, 400 lb bbls	..	.05%	85-90% 900 lb bbls NY ton	85.00	90.00
Bbls., c-1 wks	..	.14	Litmus Cubes	..	.90	Hydrated, precip., 100 lb kegs	..	.23
Bbls., l-1 wks	..	.14	Second hands	..	.75	Glycerophosphate, 5 lb tins	..	3.00
Paste, 100 & 500 lb bbls	..	.08	Logwood 51° 600 lb bbls	..	.08%	Hypophos USP VIII 5 lb cans	..	1.35
Iodide, USP, VIII 5 lb bot	..	3.20	Lower grades	..	.07%	Iodide, 1 lb bot	..	6.65
Nitrate, 500 lb bbls	..	.14	Solid, 50 lb boxes	..	.12	Ore., bulk, c.i.f. NY	..	.43
Oxide, Litharge, 500 lb bbls	..	10.60	LOGWOOD, sticks	..	26.00	Sulfate, 550 lb drums NY	..	.07
100 kegs wks	..	.14%	Chips, 150 lb bags	..	.03	Mangrove, 55% 400 lb bbls	..	.03%
Oxide, red, 500 lb bbls, wks	..	.11%	Luminal, see Phenylthymalonylurea	..		Mangrove, bark, African	..	42.00
100 lb kegs wks	..	.12%	Madder, Dutch	..	.30	Marble Flour, bulk	..	10.00
Oleate, bbls	..	.17%	MAGNESITE, calcined 500 lb bbls	..	46.00	See also Calcium Carbonate	..	12.00
Peroxide, 100 lb drs	..	.25	Magnesium, mtl. sticks 100 lb cs	..		MENTHOL, USP, 60 lb cases	..	5.35
White, basic carb., 500 lb bbls	..	.10%	f.o.b. wks	..	.85	Less case, 5 lb tins	..	5.50
100 lb kegs wks	..	.14%	Bromate	..	1.50	Synthetic	..	5.00
White sulfate 500 lb bbls, wks	..	.10	Carb. tech. 70 lb bags NY	..	.06%	MERCURY, metal 75 lb flask flask	92.00	99.00
Licorice Ext., Mass cases	..	.19	75 lb bbls NY	..	.08	Less flasks 5 lb jugs	..	1.38
Compound powder, bbls	..	.11	USP., 100 lb bbls	..	.09%	Richloride, cryst., 25 lb bxs	..	1.31
Powdered	..	.35	English, cs. blocks	..	.17	Gran., powd., 200 lb kegs	..	1.16
Sticks, 1 oz 100 lb cans	..	.40	Chloride	..		Bisulfate, 25 lb boxes	..	1.14
LIME (Salts, see Calcium Salts)	..		Flake, 300 lb drs, wks c-1 ton	..	37.00	Blue Mass., 25 lb boxes	..	.74
Ground Stone, bags	..	4.50	Imp., Flake, Shipt	..	33.00	Powdered, 25 lb boxes	..	.76
Live, bulk	..	8.50	Imp., fused 900 lb bbls NY ton	..	31.00	Blue Ointment, USP., 25 lb cans	..	.99
Live, 325 lb bbls, ton lots	..		Fluossilicate, crystals 400 lb bbls	..		50%	..	.74
Single bbl., wks	..	1.05	30% sol'n. 500 lb bbls wks	..	.07	USP, dilute 25 lb cans 30%	..	.80
Hydrated, 167 lb bbl. ton lots	..	1.08	Sol'n. bbls., c-1 wks	..	.06	38 1/4% Mercury	..	1.45
Single bbl., wks	..	.85	Glycerophosphate, 5 lb tins	..	3.20	33 1/4% Mercury	..	.80
Oyster Shell, 150 lb bbl sing.	..	.03%	Hypophosphite, 5 lb cans	..	1.05	Iodide, green 25 lb jars	..	4.10
Sulfur, dry 200 lb drs NY	..	.08%	Oxide, USP., light, 100 lb bbls	..	.42	Red, USP., 25 lb jars	..	4.20
Dr., c-1 NY	..	.07%	Light tech.	..	1.25	Yellow, USP, VIII 25 lb jars	..	4.10
33° Sol'n., 50 lb bbls NY gal	..	.12	USP., heavy, 250 lb bbls	..	.50	Oxide, Yellow USP., 25 lb bxs	2.00	2.04
Linalool, 5 lb bot	..	6.25	Heavy tech.	..	.05	Tech.	..	1.43
Litharge see lead oxide	..		Peroxide, 100 lb cases	..	1.10	Red Precip., USP, 25 lb bxs	..	1.56
Lithium Carb., USP., 100 lb kegs	..	1.45	Perborate, 1 lb tins	..	2.62	Powder, USP., 25 lb bxs	..	1.66
Bromide, 100 lb cs	..	1.80	Sallylate, 100 lb kegs	..	.75	White Precip., USP, 25 lb bxs	..	1.67
Citrate USP, 100 lb kegs	..	1.70	Stearate bbls	..	.23	Powdered, USP., 25 lb bxs	..	1.72
Iodide 5 lb bot	..	.540	Sulfate see Epsom Salts	..		With chalk, USP, 25 lb bxs	..	.74
Lithopone, 400 lb bbls, l-1 wks	..	.06%	Manganese Borate, 30% 200 lb	..	.24	Meta-Nitrosamine	..	.72
Bbls, c-1 wks	..	.05%	bbls	..	.25	Meta-Nitro-para-Toluidine, 200 lb	..	1.75
			100 lb kegs	..	.08	bbls	..	
			Chloride, 600 lb csks	..	.08%			

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Chemicals

Meta-Phenylenediamine, 300 lb		
bbbs	..b	.90 : .94
Meta-Toluylenediamine, 300 lb		
bbbs	..b	.73 : .74
Tanks	..b	.70
METHANOL (Wood Alcohol)		
95% tanks	..gal	.55
Drums c-1	..gal	.58
Drums, 1c-1	..gal	.60
97% tanks	..gal	.57
Drums, c-1	..gal	.60
Drums, 1c-1	..gal	.62
Pure, Acetate free, tks	..gal	.65
Drums, c-1	..gal	.68
Drums, 1c-1	..gal	.70
Bbbs, incl., 6c higher	..b	.70
U. S. denat. grd., tanks	..gal	.65
Drums, c-1	..gal	.68
Drums 1c-1	..gal	.70
Methyl Acetate drums	..gal	.95
Methyl Acetone, 100 gal drums	..gal	.70
Tanks cars	..gal	.65
Bromide	..b	1.00
Chloride, 90 lb cpl	..gal	.55
Salicylate, USP, 50 lb cans	..gal	.35
500 lb drums	..b	.37
Methylene Blue, tech., 100 lb kgs	..b	1.30 : 1.50
USP., medicinal 5 lb cans	..b	1.75 : 1.90
Michler's Ketone, 225 lb bbs	..b	3.00 : 3.25
Milk, powd., 150 lb bbs	..b	.14 : .15
Milk Sugar, see sugar of milk		
Mineral Oil, see oil mineral		
Mineral Rubber	..ton	35.00 : 75.00
Mining Salts Drums wks	..b	.33
Monobromobenzene See Bromobenzene		
Monacetine, See acetine		
Monochlorobenzene, see chlorobenzene		
Monomethylamine, 900 lb drs	..b	1.05
Monomethyl paraminophenol sulfate		
100 lb drs	..b	3.95 : 4.20
MORPHINE ALK., USP., 5 oz tins, ozs	..b	9.20 : 9.30
Acetate, 5 oz. tins oz lots	..oz	7.35
Hydrobromide, 5 oz tins 10 oz	..oz	7.35
lots	..oz	7.35

MORPHINE (Con't)		
Hydchlide 5 oz tins 10 oz	..oz	7.35
lots	..oz	7.35
Ethyl Hydchlide, 5 oz tins 10	..oz	8.85
oz lots	..oz	7.35
Sulfate, 5 oz tins 10 oz lots	..oz	7.35
Small Sizes: 3/4 oz. vials, 50c extra;		
1/4 25c extra; single oz. vls., 7c		
extra, over price for 5 oz tins. 25		
oz. lots in 5 oz tins, 10c oz. lower		
than above schedule. Less than 10		
oz. lots 15c oz. higher than above		
schedule.		
Musk Ambrette, 1 lb cans	..b	10.50 : 11.75
Myrobalans, 25%, liquid bbs	..b	.04 : .04 1/2
50% solid, 50 lb boxes	..b	.08 : .08 1/2
Myrobalans, bags J1	..ton	37.50 : 38.00
R2	..ton	28.50 : 29.50
New crop	..ton	30.00 : 33.00
J2	..ton	30.00 : 33.00
New crop	..ton	30.00 : 33.00
NAPHTHA, See Solvent Naphtha		
NAPHTHALENE, Flake, 175 lb bbs		
wks	..b	.05 1/4 : .07
Bbbs., second hands NY	..b	.05 1/4 : .07
Balls, 250 lb bbs wks	..b	.07 : .08
Bbbs., second hands NY	..b	.07 : .08
Crushed, chipped bgs., wks	..b	.05 : .06
Crude, imp., bags	..b	.01 1/4 : .02 1/4
NICKEL		
Ingot, 100 lb kgs	..b	.34
Chloride, bbs kgs	..b	.21 : .24
Oxide, 100 lb kgs NY	..b	.38 : .40
Salt single 400 lb bbs NY	..b	.07 1/2 : .08 1/2
Double 400 lb bbs NY	..b	.08 : .09
Sulfate, See Nickel Salt, single		
Nickel Metal, electrolytic	..100 lb	34.00
Nicotine, Free 40% 8 lb tins es	..b	1.10 : 1.20
NITRATE SODA, spot, See Sodium Nitrate		
Nitre Cake, bulk wks	..ton	4.50 : 5.50
500 lb bbs	..ton	13.00 : 14.00

Nitrobenzene, crude, 1000 lb drs		
wks	..b	.09 : .10
Redistilled, 1,000 lb drs wks	..b	.09 1/4 : .10
Nitrogenous Material bulk, ..unit		3.80
Nitronaphthalene, 550 lb bbs	..b	.35
Nitrotoluene, mixed 1000 lb drs		
wks	..b	.14 : .15
Nutgalls, see Crude Drugs		
Oak bark, whole	..ton	20.00 : 23.00
Ground	..ton	45.00 : 50.00
Oak, tanks, wks	..b	.03 1/4
23-25% liq., 600 lb bbs wks	..b	.04 : .04 1/4
Solid, powd.	..b	.07 1/4 : .08
Ochre	..b	.03 1/4
Oil Fusel, see Fuel Oil		
OIL MINERAL, wh, 50 gal bbs gal		
Russian	..gal	.80 : .90
Oil Mirbane, see nitrobenzene		
Opium, see crude drugs		
Orange Mineral, 1100 lb casks NY	..b	.14 1/4
700 lb bbs NY	..b	.14 1/4
Ortho-Aminophenol, 50 lb kgs	..b	2.20 : 2.25
Ortho-Anisidine, 100 lb drs	..b	2.50 : 2.75
Ortho-Dichlorobenzene, see Dichlorobenzene		
Ortho-Nitrochlorobenzene, 1200 lb		
dr. wks	..b	.32 : .35
Ortho-Nitrophenol, 350 lb	..b	.85 : .90
Ortho-Nitrotoluene, 1000 lb drs		
wks	..b	.13 : .15
Ortho-Toluidine 350 lb bbs	..b	.25 : .27
Osage Orange 51° liquid	..b	.07 : .07 1/4
Powd., 100 lb bags	..b	.14 1/4 : .15
Crystals	..b	.16 : .17
Oxgall, USP, 5 lb bot	..b	1.75 : 2.50
Purified, 5 lb bot	..b	2.00 : 2.50
Crude, 5 lb bot	..b	1.00 : 1.25
PALLADIUM, metal 10 oz lots	..oz	80.00 : 81.00
Pancration, USP., 5 lb bot	..b	1.75 : 2.50
Papain, 10 lb bot., USP., Powd	..b	4.75 : 5.50
Crude, 150 lb cases	..b	...
Paraffin, ref'd. 200 lb es alabs		
118-120 Deg. M.P.	..b	.08 : .09
123-127 Deg. M.P.	..b	.06 1/4 : .06 3/4



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Calcium Acid Phosphate

Tricalcium Phosphate

Sodium Formate

Sodium Pyro Phosphate

Phosphoric Acid (Ortho)

Mono Sodium Phosphate

Trisodium Phosphate

Ammonium Phosphate

(Mono & Dibasic)

Sodium Oxalate

Sodium Acid Pyro Phosphate

Oxalic Acid

Sodium Ammonium Phosphate

Epsom Salts


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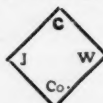
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Chemicals

PARAFFIN (Con't)			PARIS GREEN (Con't)			PILOCARPINE HYDROCHLORIDE, USP 35oz.		
128-132 Deg., M.P.	D	.07% : .07%	Packages, 5 and 2 lbs.	D	.23 : .24	lots, 1oz vials	oz	3.25 : 3.50
133-137 Deg., M.P.	D	.08 : .08%	Packages, 1 lb., 1/2 lb., 1/4 lb.	D	.25 : .26	Second hands	oz	2.25 : 2.45
138-140 Deg., M.P.	D	.08% : .10	Paris White, see Whiting French			Nitrate, 25oz	oz	3.25
Para-Aminoacetanilid, 100 lb						Single ozs.	oz	3.50
kegs	D	1.00 : 1.05	Pepsin, USP., 5 lb bot. 1:3000 lb	D	1.90 : 2.50	Alkaloid, 15 gr. vials	ea	.85
Para-Aminophenol, 100 lb kegs D		1.15	1-6000 bottles	D	3.85 : 5.00	Pine Oil, etm., dist., bbls	gal	.68
Hydrochloride, 100 lb kegs D		1.25 : 1.30	1:10,000 bottles	D	6.30 : 8.35	Destructive dist.	lb	.83 : .64
Para-Dichlorobenzene, 150 lb bbls.			Peptone, powd., 5 lb	D	1.25	Piperazine Hydrate, 1 lb bot	D	15.00
wks	D	.17 : .20	PETROLATUM, green 300 lb bbls D		.02% : .03	Piperidine, 25 oz	oz	1.10 : 1.25
25-50 lb kegs	D	.20 : .21	Dark Amber, 300 lb bbls	D	.04% : .04%	Pitch., Coal-Tar, wks	ton	24.00 : 26.00
Paraldehyde, USP., 5 lb bot. gal		.87 : nom.	Light Amber, 300 lb bbls	D	.04% : .04%	Prime	bbl	8.00 : 10.60
Tech	D	.80 : .85	Cream White, USP., 300 lb bbls D		.07 : .07%	Plaster Paris, tech., 250 lb bbls bbl		3.30
Para-Cymene, Feid., 110 gal drs gal		2.25 : 2.50	Lily White, USP., 300 lb bbls D		.07% : .07%	True Dental, 300 lb bbls	bbl	4.50
Paraformaldehyde, USP., 100 lb cs D		.42% : .45	Snow White, USP., 300 lb bbls D		.12% : .12%	Platinum, metal soft 10 oz lots oz		120.00
Para-Nitroacetanilid, 300 lb			Phenol, see also acid carbolic			Podophyllin, 5 lb bot	lb	4.25 : 4.50
bbls	D	.50 : .55	Makers 950 lb drums spot	D	.21 : .22	Second Hands	lb	4.20 : 4.30
PARA-NITROANILINE, 300 lb bbls			Small drums 240-100 lb	D	.22 : .24	POTASH SALTS, rough		
wks single bbls	D	.48	Open market drums	D	.21	Pot. Muriate basis 80% bps ton		34.90
Para-Nitrochlorobenzene, 1200 lb drs			240 lb des. drs., wks	D	.27	Pot. Sulfate, basis, 90% bps., ton		45.85
wks	D	.33	Natural, 240 lb des drs. wks D			Pot. & Mag., Sulfate, basis 48%		
Para-Nitro-ortho-Toluidine, 300 lb			Phenolphthalein, USP., 100 lb drs D		1.30 : 1.40	bgs	ton	26.36
bbls	D	2.75 : 2.85	5 lb cans, 100 lb lots	D	1.40 : 1.50	Manure Salts basis 30% bulk ton		18.00
Para-Nitrophenol, 185 lb bbls D		.50 : .55	Phenyl-Alpha-Naphthylamine 100 lb			Manure Salts, basis 20% bulk ton		11.35
Para-Nitrosodimethylaniline, 120 lb			kegs	D	1.23 : 1.29	Kainit, basis, 12.4% bulk ton		8.50
bbls	D	.92 : .94	Phenylethylmalonylurea, cs. pkg., cs			Bulk in bags, \$2.00 extra		
Para-Nitrotoluene, 350 lb bbls D		.30	Phosgene, 100 lb cylinders	D		Prices c.i.f. Atlantic & Gulf Ports		
Para-oxo Benzaldehyde, 100 lb			Phosphate Acid, 16% Bulk wks unit		.62% : .65	Discounts 50 tons, 5%; 500 tons 10%		
kegs	D	1.70	Phosphate Rock, f.o.b. mines			POTASH, CAUSTIC, solid 88-92%		
Para-Phenetidin, 500 lb drs	D	1.55 : 1.60	Florida Pebble 68%	ton	3.25 : 3.50	700 lb drs wks	D	.07% : .07%
Para-Phenylenediamine, 350 lb			Florida Pebble 70%	ton	3.50 : 3.75	Imp., 88-92% 700 lb drs. NY D		.07% : .07%
bbls	D	1.30 : 1.35	Florida 72%	ton	4.25 : 4.50	USP., by alcohol 5 lb cans	D	.46 : .47
Para-Toluene-Sulfonamide, 175 lb			Florida Pebble 75-74%	ton	5.00 : 5.25	cases	D	.30 : .31
bbls	D	.40 : .41	Tennessee, 72%	ton	5.50	POTASSIUM Acetate, USP., 100 lb		
Para-Toluene-Sulfonchloride, 410 lb			Phosphorus, red 110 lb cs	D	.68 : .70	kegs	D	.29 : .30
bbls. wks	D	.18 : .30	Yellow, 110 lb cs wks	D	.32	Second Hands, kegs	D	.26 : .28
Para-Toluidine 350 lb bbls wks D		.50 : .60	Imported, 110 lb cs wks D		.35 : .37%	Bicarbonate, crys., 320 lb bbls D		.07% : .09
PARIS GREEN			Phosphorus Oxichloride, 175 lb cpl. D		.35 : .40	Bichromate crys., 725 lb casks D		.08% : .08%
Arsenic Basis, 500 lb kegs	D	.19 : .30	Phosphorus Trichloride, 175 lb cpl. D		.35 : .40	Powd. 725 casks, wks	D	.11 : .12
Keys, 100 lbs.	D	.21 : .22	Phthalic Anhydride, 100 lb bbls			Binoxalate, 300 lb bbls	D	.16 : .17
Kits, 56, 28, 14 lbs.	D	.22 : .23	wks	D	.18 : .20	Import, 112 lb bbls	D	.18 : .19

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Chemicals

POTASSIUM (Cont.)

Bisulfate, C.P., 5 lb cans30	
100 lb kegs32	
Bromate, 100 lb cs35	
BROMIDE, USP, cryst, 450 lb		
bbls .....	.48	.49
Granular, 300 lb bbls .....	.48	.49
Cases, 100 lb .....	.50	
Imported, USP, 220 lb cs .....	.38	.41
Shipment .....	.43%	
CARBONATE, 80-85% calc.		
800 lb cks .....	.05%	.05%
80-85% hydrated, 800 lb		
cks .....	.05	
90-95% calc. casks .....	.06	.06%
96-98% calc. casks .....	.06%	.06%
99% calc. casks .....	.07%	
USP 100 lb kegs .....	.11	.11%
99% C.P. casks .....	.12%	
Chlorate, cryst, 112 lb bgs c-l		
wks .....	.08%	.09
Imp, 112 lb NY lb .....	.08%	.08%
Powd., 112 lb kegs wks .....	.08%	.09
Imp, kegs NY .....	.08%	.08%
Gran. Imp., 112 lb kegs NY lb	.10%	.11
Pyrotechnic, fine powd. NY lb	.07	
USP, fine powder, 110 lb kegs		
NY .....	.14	.15
Crys. .....	.12	
Gran. .....	.14	
Chloride, crys., bbls .....	.05%	.05%
Chromate, kegs .....	.27	.28
Citrate USP, 50 lb .....	.60	
Cyanide 110 lb cases .....	.52	.55
Glycerophosphate, 75% Soln. 25 lb		
tins	1.35	1.50
10 lb	2.00	2.25
Guaicol Sulfonate	1.50	1.75
See hands	1.35	1.40
Hypophosphite, 10 lb cans .....	.80	.85
Iodide, USP, 100 lb cases	3.75	3.80
See hands	3.70	3.75
Lactophosphate 4 oz bot .....	.90	
Metabisulfite, 300 lb bbls .....	.11	.12
Imp. 550 lb bbls .....	.11	.12

POTASSIUM (Cont.)

Muriate, 80% 200 lb bags, NY		
K.Omit .....	.63	
Nitrate, see Saltpetre		
Oxalate, neutral, 225 lb bbls lb	.16	.17
Perchlorate, 112 lb kegs .....	.11	.12
PERMANGAN, USP., crys 500 lb		
& 100 lb drs., wks .....	.14%	.15
Imp., 113 lb drs .....	.14%	.14%
Prussiate red, 500 lb casks .....	.37	.38
Prussiate, yellow 500 lb casks lb	.18	.18%
Salicylate, 25 lb cans .....	.60	.65
Sulfate, 200 lb bags NY K.Omit	.35	
USP, VIII 100 lb kegs .....	.15	
Sulfocyanide, CP, 25 lb jars lb	.50	
Tartrate, neutral 100 lb kegs lb	.51	
Titanium Oxalate, 200 lb bbls lb	.25	
Pumice Stone, lump, 250 lb bbls lb	.04%	.06
Lump, bags .....	.04	.05
Powdered, 350 lb bbls .....	.02%	.03
Pyridine 50 gal drums	3.95	4.05
QUEBRACHO, 35% liquid tins .....	.03	.03%
450 lb bbls c-l .....	.03%	.04
35% bleaching, 450 lb bbls lb	.04	.05
Solid 65%, 100 lb bales c.l.f. lb	.04%	.04%
Jan-June .....	.04%	.04%
Clarified, 64% bales .....	.04%	.05
Jan-June .....	.04%	.05
Quercitron, 51° 450 lb bbls .....	.08%	.07
Solid, 100 lb boxes .....	.10	.13
Quercitron bark, rough	14.00	
Ground	34.00	35.00
QUICKSILVER, see Mercury		
Quinidine Alk., 100 oz tins .....	.70	.75
Sulfate, 100 oz. tins .....	.50	
Quinodine, see Chinodine		
QUININE SULFATE, USP		
American 100 oz tins .....	.40	
1 oz tins 100 oz lots .....	.47	
Dutch 100 oz tins .....	.40	

QUININE SULFATE, USP

Java, 100 oz tins .....	.40	
Japanese, 100 oz tins .....	.40	
Acetate .....	.78	
Arsenate .....	.78	
Benzoate .....	.78	
Bisulfate, USP .....	.40	
Resale .....	.37	.41
Citrate .....	.51	
Dihydrochloride, USP .....	.54	
Dihydrobromide .....	.54	
Dicarbonate 1 oz tins	2.50	
Ethyl Carbonate 16 oz tins .....	.62	
Ferrocyanide .....	.78	
Formate .....	.73	
Glycerophosphate .....	.80	
Iodide .....	.78	
Hydrobromide, USP .....	.50	
Hydrochloride, USP .....	.50	
Hydrochlorosulfate .....	.54	
Hydrochloride & Urea, USP .....	.78	
Hypophosphite .....	.70	
Lactate .....	.66	
Phenolsulfonate .....	.78	
Phosphate .....	.62	
Salicylate, USP .....	.52	
Tannate, USP .....	.41	
Tartrate .....	.78	
Valerate .....	.78	

Small Sizes; 1 oz vials or cans,
500s. lots, 5c on extra; 5 oz cans,
50 oz lots, 3c on extra; 25 oz cans,
500s. lots, 3c on extra; single 1 oz
vials or cans, 5c extra. All minor
quinine salts sold and quoted basis
1000s lots in 1000s cans. Sulfate
and bisulfate sold basis 100 oz
lots in 100 oz cans. Smaller orders
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Chemicals

Quinine, 100 lb bags lb	1.75	2.25	SALTPETRE, Double Refined			SODA ASH (Cont.)		
Red Lead, 250 bbls, wks lb	.45	.47	Granular, 400-500 lb bbls			e-l wks 100 lb	...	1.45
Red Lead, see lead oxide			e-l wks lb	.06%	.06%	Pmpt. and spot, Basis 58% bags	e-l wks 100 lb	1.50
Red Precipitate, see mercury			Less e-l wks, bbls lb	.06%	.06%	SODA, CAUSTIC, 76% solid		
Benzol, N.F., 5 lbs (125,000) lb	2.95	3.50	Large Crystals, 350-400 lb bbls			1-4 drums del'd NY 100 lb	...	3.91
Benzonol, tech., 100 lb bags lb	1.30	1.35	e-l wks lb	.07%	.07%	5 & Up drums del'd NY 100 lb	...	3.76
USP, 25 lb cans lb	2.25	2.35	Triple refined, Granular, 350 lb			Ground & Flake 76%		
Rochele Salt, USP, 225 lb bbls lb	.20	.20 1/4	bbls 1-e-l lb	.06%	.06%	1-4 drums, del'd NY 100 lb	...	4.31
Imp., USP, 300 lb bbls lb	.19	.19 1/4	Powdered, bbls e-l wks lb	.07%	.07%	5 & Up drs del'd NY 100 lb	...	4.16
Rosewater, triple 5 gal demis lb	.85	.90	Imported, 500 lb bbls NY lb	.06%	.06%	1-4 bbls del'd 100 lb	...	4.56
Rosins, (Sold in 600 lb bbls gross for net)			Santonin, USP, bulk lb	141.00	145.00	5 & Up bbls del'd 100 lb	...	4.41
B 280 lb	8.40		Powd. bulk lb	142.00	147.00	Contract basis 76% e-l wks	100 lb	3.10
D 280 lb	8.90		Saponin, refined, 5 lb tins lb	1.25	1.50	Pmpt. and spot Basis 76%	e-l wks 100 lb	3.20
E 280 lb	10.50		Crude lb	1.00	1.25	Contract 74% low grade e-l wks	100 lb	3.02
F 280 lb	12.50		Satin White, 500 lb bbls lb		.01%	Ground & Flake, 76% pmpt., and	spot, wks, e-l drs 100 lb	3.60
G 280 lb	13.00		Scopolamine, see hyoscyne			Contract 76% drums e-l wks	flat 100 lb	3.50
H 280 lb	13.10		Seldits Mixture, 225 lb bbls lb	.16%	.16%	WSP, stick, 10 lb cans lb	.19	.21
I 280 lb	13.50		SILICA			Pure, stick, by alcohol lb	.25	.27
K 280 lb	14.00		Crude, bulk, mines ton	6.00	7.00	Soda Sal. see Sodium Carbonate		
M 280 lb	14.25		Refined, floated, bags ton	15.00	30.00	Sodium Metal, 12 1/2 lb bricks lb		.27
N 280 lb	14.50		Air floated, bags ton	32.00	50.00	SODIUM ACETATE, crys 450 lb bbls	wks lb	.04%
WG 280 lb	15.00		Extra, floated, bags ton	55.00	65.00	Aluminate 500 lb bbls wks lb	.07%	.06
WW 280 lb	15.50		Colloidal, 1 drs bot oz		2.60	Aluminum Sulfate, see alum soda		
(Sold in 600 lb bbls net, quotations based on a unit of 250 lb)			SILVER metal American oz oz		.65%	Arsenite, 4 lb mtl. wks drs gal	.50	.60
Bosin Oil first run 50 gal bbls gal	.73%	.73%	Iodide, 16 oz bot oz		.69	Drums, 8 lb material, wks gal	1.00	1.20
Second run bbls gal	.73%	.73%	Nitrate 16 oz. bot oz		.44%	Benzonate, USP, 100 lb bbls lb	.50	.55
Botten Stone lump imp bbls lb	.07	.08	Nucleinate 1 oz bot oz		.41	Bicarbonate, 400 lb bbls NY 100 lb	...	2.41
Lump selected, bbls lb	.09	.12	Bulk oz		.34	Bbls e-l wks 100 lb	...	2.00
Powdered, bbls lb	.02	.05	Proteinates, 1 oz bot oz		.36	113 lb kegs e-l wks lb	...	2.25
Domestic, bags mines 24.00	30.00		Bulk oz		.29	112 lb kegs NY 100 lb	...	2.66
SACCHARIN, USP, 10 lb cans, 25 lb			Soap, Castile, 40 lb bbs lb	.20	.35	Bichromate, 500 lb cases wks lb	.06%	.06%
Second hands lb	1.75	1.85	Powd. USP, 250 lb bbls lb	.28	.30	Casks e-l NY lb	.06%	.06%
Soluble, USP, 10 lb cans, 25 lb lb	1.75	1.85	Green, USP, 450 lb bbls lb	.07%	.08%	Casks, NY lb	.06%	.06%
Saloil, USP, 100 lb drums lb	.80	.90	Soapstone, see Tale. crude			Bisulfite, dry powder 500 lb	bbls wks lb	.03%
Salt, Common, see sodium chloride			SODA ASH, 58% light			Imported lb	...	.03%
Salt Cake 94-96% e-l wks ton	19.00	22.00	1-4 bags delivered NY 100 lb	...	2.19			
White 87% wks ton	15.00	17.00	5 & Up bgs, del'd NY 100 lb	...	2.04			
			1-4 bbls, del'd NY 100 lb	...	2.44			
			5 & Up bbls del'd NY 100 lb	...	2.29			
			Contract, Basis 58% dense bags	...	1.33			
			wks 100 lb	...	1.43			
			Prompt and spot, Basis 58% bgs	...				
			e-l wks 100 lb	...				

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Chemicals

SODIUM (Cont.)

SODIUM, USP, 450 lb bbls	48	: 49
Cases, 50 lb	48	: 49
Imp. USP, 220 lb cases	44 1/4	: 45
Bromate, 100 lb cs		: 1.15
Cacodylate, USP, 25 lb		
50 lb bot	5.90	: 6.10
Carbonate Sal Soda 350 lb bbls		
le-1 NY	1.30	: 1.35
Works c-1	1.10	: 1.30
Monohydrate, 400 lb bbl		
le-1 NY	2.40	: 2.40
Pure photographic 100 lb		
kg	.06	: .08
Chlorate, 112 lb kegs wks	.06 1/4	: .06 1/4
Imported, 112 lb kegs	.06 1/4	: .06 1/4
Chloride, tech	12.00	: 13.00
C. P. 300 lb bbls	.05	: .06
Chromate 500 lb bbl		: .08
Citrate, USP, X 50 lb bbls		
kegs	.45	: .47
USP, VIII, 50 lb bbls kegs	.38	: .40
Cyanide 98-98% 100 & 250 lb drums		
wks	.20	: .20
c-1 wks	.19	: .19
Imp. 95-97% 100 lb drums	.19	: .19
c-1	.18	: .18
Fluoride, 300 lb bbls, wks	.09	: .09 1/4
IMP. 700 lb cks	.08 1/4	: .10
Glycerophosphate USP, cryst. 25 lb		
cases	1.40	: 1.55
Powder, 25 lb tins	1.45	: 1.60
Solution, USP, 25 lb tins	1.05	: 1.20
Hydrosulfite, see Soda Caustic		
Hypochlorite Soln., 100 lb cys		: .05
14 1/4 soln., 50 lb cys		: .04
Hydroxide, 200 lb bbls fob wks	.22	: .24
Fur Stripping, 50 lb cans	.20	: .25
Hypophosphite, USP, 25 lb cans	.70	: .75

SODIUM (Cont.)

HYPOSULFITE, tech., pes crys.		
375 lb bbls, wks 100 lb	2.65	: 3.05
Bbls, c-1 wks	2.50	: 2.50
100 lb kegs, wks	2.80	: 2.90
Imp	2.75	: 3.00
Regular crys., bbls wks 100 lb	2.40	: 2.65
Bbls, c-1 wks	2.40	: 2.50
Kegs, wks	2.35	: 2.45
Imp	2.35	: 2.45
Iodide, USP, 25 lb jars	4.25	: 4.30
Metanilate, 150 lb bbls	.70	: .75
Molybdate 100 lb kegs		: 1.10
Naphthionate, 300 lb bbls	.55	: .57
Nitrate crude, 95% 200 lb bgs		
c-1 NY	2.63	: 2.63
April-May ship NY 100 lb		: 2.63
Double Refined 400 lb bbls		
gran. c-1 wks	.03 1/4	: .03 1/4
Nitrite, 500 lb bbls spot makers		: .09
Imp. 650 lb cases	.08 1/4	: .09
Ortho-Chloro-Toluene Sulfonate		
175 lb bbls, wks	.25	: .27
Oxalate, neutral, 100 lb kegs	.20	: .23
Perborate, 275 lb bbls	.21	: .22
Imp. 225 lb drs	.21	: .22
Peroxide, 200 lb cases		: .27
Phosphate, di-sodium, tech., 550 lb		
Bbls	3.55	: 3.90
USP, gran., 275 lb bbls	.07	: .07 1/4
Imp. gran	.04 1/4	: .05 1/4
USP, Crystal, 275 lb bbls	.07 1/4	: .08
Mono-sodium, 100 lb kegs	.30	: .31
Tri-sodium tech c-1 bbls 100 lb		: 3.90
Picramate, 100 lb kegs		: .69
Para-Toluene Sulfonate 175 lb		
bbls	.08	: .09
PRUSSIAN, yellow, 350 lb bbls	.10	: .10 1/4
wks	.10	: .10 1/4
Imp 50 lb cks	.24	: .26
Pyrophosphate, 100 lb kegs	.37	: .38
Salicylate, USP 100 lb kegs		: .38

SODIUM (Cont.)

Silicate, 40° turbid, tanks		
wks	1.00	: .75
55 gal. drums, wks 100 lb	.85	: 1.10
40° clear, tanks, wks 100 lb		: 1.10
55 gal. drs. wks	1.20	: 1.45
42° turbid tks., wks		: .90
55 gal. drs wks	.90	: 1.15
42° clear, tanks, wks 100 lb		: 1.25
55 gal. lrs., wks	1.35	: 1.75
Silicofluoride, 300 lb bbls NY	.04 1/4	: .05
Stannate, 100 drums	.42 1/4	: .43 1/4
Sulphate, see Glauber's Salt		
Sulfate, Anhydrous, 550 lb bbls		
c-1 wks	.03	: .03 1/4
U.S.F.	.04 1/4	: .05
Imp., 250 lb bbls	.02	: .02 1/4
Sulfide, 60% solid, 650 lb drs.		
le-1 wks		: .04 1/4
Dr., c-1 wks		: .04
Imp., 700 lb drs NY		: .03 1/4
60% broken, 650 lb drs. wks		: .04 1/4
Dr. c-1 wks		: .04
30% crys., 440 lb bbls wks	.02 1/4	: .02 1/4
Imp., 400 lb bbls		: .02 1/4
Sulfite, cryst., 400 lb bbls wks	.03 1/4	: .03 1/4
Anhydrous, 400 lb bbls	.09 1/4	: .10
Sulfocarbamate, USP, 100 lb kegs	.32	: .34
Sulfocyanide, 400 lb bbls	.40	: .45
Tungstate, cryst., 100 lb kegs	.80	: .82 1/4
SOLVENT NAPHTHA, 110 gal.		
dr. wks	.40	: nom.
8,000 gal tank crs wks gal	.35	: nom.
Spartan Sulfate, USP, 250 lb bbls		: .60
Single cr. wks	.09	: .17
Spruce, 25% liquid tanks, wks	.01	: .01 1/4
bbls		: .01 1/4
Powd., 50% 100 lb bags wks	.02	: .02 1/4
Starch, rice, 140 lb bags	.09	: .10



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All Tests

Soda Ash

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Granular if Desired

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Pig Lead	Olive Oils	Phosphate Rock
Soda Ash	Blue Vitriol	Carbonate of Potash
Castor Oil	Caustic Soda	Sodium Bicarbonate
Glycerine	Sulphur Oils	Sulphate of Ammonia
	Crude and Refined Sulphur	

Powder Manufacturers' Supplies and Fertilizer
Materials of All Kinds

Chemicals

STARCH, powd., 140 lb bgs c-1100 lb	...	3.32	SULFUR (Con't)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														</
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Chemicals

Tripoli, 500 lb bbls 100 lb	2.50	3.00	VARA VARA, 1 lb tin lb	1.05	1.30
Tungsten, NY, 100 lb unit	12.00	13.00	Yohimbin Hydrochloride, 1 oz vial or	3.25	4.00
Turkey Red Oil, bbls single lb	.11	.12	Second hands lb	2.65	2.70
double lb	.14	.18	Yolk Oil bbls lb		.35
Turpentine Spirit, bbls gal	.82 1/2	.87 1/2	ZINC METAL, high grade, slabs		
Wood steam Dist. bbls gal	.92 1/2	.97 1/2	c-l NY, 100 lb lb	7.35	
Ultramarine Blue lb	.15	.25	Ammonium Chloride, powd., 400 lb		.06 1/4
UREA, pure 112 lb cases ton	.18	.20	Carb., tech bbls NY lb	.09 1/4	.10
Valonia Caps, 30-31% tan ton		85.00	USP, 100 lb kegs lb		.06
Beard, 42% tan bags ton	53.00	55.00	Chloride, fused, 500 lb drs wks lb		.05 1/2
Mixture, 36% tan bags ton		39.00	Drs. c-l wks lb		.06 1/4
VANILLIN, USP, 500 oz cans lb		.49	Granulated, 500 lb bbls wks lb	.06 1/4	.06 1/4
Cans, 80 oz lb		.50	Imported dr NY lb	.06 1/4	.07
Cans, 16 oz lb		.51	Solution, 50% tanks wks 100 lb		3.00
Second Hands lb	.42 1/4	.45	USP, 25 lb jars cont. ex lb	.27	.29
Venetian Red lb		.60	Cyanide, 100 lb drs lb	.40	.41
Vermilion, Amer., 100 lb bags lb	.35	.40	Dust, 100 lb tins wks lb		.10
English, bags lb	1.40	1.45	500 lb bbls kegs c-l wks lb		.09
Veratrine Sulfate, 1 oz vial lb		1.85	500 lb bbls kegs l-c-l wks lb		.09 1/4
Hydrochloride, 1 oz vial lb		1.35	Iodide, 35 lb bbls lb	5.23	
Veronal, see Acid Diethylbarbituric			Nitrate, 25 lb jars lb		.45
Wattle Bark, bags ton	38.50	41.00	Oxide, Amer., Bags wks lb	.07 1/4	.07 1/4
Extract 50% dble bps ex-dock lb		.05 1/4	Amer 300 lb bbls wks lb	.07 1/4	.07 1/4
WHITE LEAD, see lead, white			French, 300 lb bbls wks lb	.10 1/4	.12 1/4
White Precipitate, see mercury			Bbl. c-l wks lb	.10 1/4	.12 1/4
Whiting, 300 lb bags c-l wks 100 lb		1.35	Bags c-l wks lb	.10 1/4	.12 1/4
Alba bags NY c-l ton		13.00	USP, 100 lb bbls c-l lb		.14
Olders, bags NY c-l 100 lb		1.35	10-25 bbl lots lb		.15
French, bags NY c-l ton	14.50	19.00	5 bbl lots lb		.17
English, bags NY c-l ton	21.00	22.00	1 bbl lots lb	.12	.13 1/4
Paris white bags c-l 100 lb	1.00	1.	Imported, white seal, bbls lb	.11 1/4	.12
With Haze Extract, 50 gal bbls gal	1.05	1.10	Red seal, bbls lb	.10 1/4	.11
XYLENE, 3° dist range nitration			Stearate, USP, 50 lb bbls lb	.20	.21
110 gal drs NY gal	.70	nom.	Second hands lb	.03 1/4	.03 1/4
3° dist. range, 8000 gal tanks			Sulfate, 400 lb bbls wks lb	.03 1/4	.03
wks gal	.55	nom.	Bbls c-l wks lb	.08	.09
110 gal drs wks gal	.60	nom.	USP 100 lb bbls lb	.30	.32
10° dist range drums, wks gal	.55	nom.	Sulfide, 500 lb bbls lb	.29	.30
Tanks wks gal	.80	nom.	Sulfocarbonate, 100 lb kegs lb	.45	.50
Com'l 110 gal drs wks gal	.41	nom.	Zincum, oxide, pure lb	.08	.10
Tanks wks gal	.38	nom.	Semi-refined bags lb	.02 1/4	.02
Xylitol crude lb		.35	Natural, bags lb		
Redned lb	.38	.40			

Oils - Fats

Castor, No. 1, 400 lb bbls lb	.13 1/4	.14
80 lb cases lb	.14 1/4	.15
No. 3 lb	.13	.13 1/4
Blown, 400 lb bbls lb		.18
China Wood, spot NY lb	.11 1/4	.11 1/2
Tanks, Spot NY lb	.10 1/4	.10 1/4
Coast Tanks lb	.09 1/4	.09 1/2
Coconut Ceylon, 375 bbls NY lb	.11	.11 1/4
8,000 gal tanks NY lb		.10 1/4
Cochin, 375 lb bbls NY lb	.11 1/4	.12
Tanks NY lb		.11
Manila bbls NY lb	.11 1/4	.11 1/4
Tanks NY lb	.10	.10 1/4
Tanks, Pacific Coast lb	.09 1/2	.09 1/2
Edible bbls NY lb	.13 1/4	.14
Cod Newfoundland, 50 gal bbls gal	.08	.10
Tanks, NY gal	.00	.03
Cod Liver, see Cod Liver Oil under Chemicals		
Copra, bags lb	.06	.06 1/4
Corn, ref., 375 lb bbls NY lb	.13	.13 1/4
Tanks lb	.12	.12 1/4
Crude tanks mills lb		.10 1/4
Bbls NY lb		.13
Cottonseed Crude, lbs mill lb		.11 1/4
PSV, 100 bbls NY spot lb	.12 1/4	.12 1/4
April-Oct lb	.11 1/4	.12 1/4
White, 100 bbls lots NY lb		.14
Winter yellow, 100 bbls NY lb		.14 1/4
Degras, Amer, 50 gal bbls NY lb	.04 1/4	.04 1/4
English, light bbls NY lb	.05 1/4	.05 1/4
Brown, bbls NY lb	.04 1/4	.04 1/4
Light brown, bbls NY lb	.04 1/4	.04 1/4
Dark, bbls, NY lb	.03 1/4	.04
Neutral, bbls NY lb	.07 1/4	.12
Medion, bbls, NY lb		.50
Grasses choice white bbls NY lb		.09 1/4
Yellow lb		.08
Houma lb		.07 1/4
Brown lb		.07 1/4

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DIPHENYL GUANIDINE

Manufacturers who turn to reclaims should use the efficient accelerator Dovan Diphenyl Guanidine. It gives better results and, as lesser quantities are necessary, this accelerator is the most economical.

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for we have the modern facilities that
make prompt deliveries possible.
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requirements.

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Oils - Fats

Herring, Tanks, Coast	gal	.40	nom.
Horse, 375 lb bbls NY10	nom.
Lard, prime steam, bbls15	.15%
Compound, bbls	.....	.13%	.14
LARD OIL edible prime	.....	.....	.16%
Off prime bbls	.....	.....	.13
Extra bbls	.....	.....	.12%
Extra No. 1 bbls	.....	.....	.12%
No. 1 bbls	.....	.....	.12
No. 2 bbls	.....	.....	.11%
LINSEED, raw c-1 bbls spot	.....	.....	.111
Five bbls raw	.....	.....	.115
Tanks, raw	.....	.....	.103
Ref., 5 bbls whole	.....	.....	.117
Ref., bottled bbls	.....	.....	.119
April-June c-1 wks	.....	.....	.111
July-Aug c-1 wks	.....	.....	.112
Imported bbls, NY	gal	.....	.....
Tanks, NY	gal	.....	.....
Menhaden, crude tanks, Balt	gal	.55	nom.
Light pressed, bbls NY	gal	.70	.72
Yellow, bleached bbls NY	gal	.73	.75
Extra, bleached bbls NY	gal	.75	.77
Brown, bbls, NY	.....	.....	.10%
Neatfoot 20° c.t. bbls NY	.....	.....	.20%
Pure bbls NY	.....	.....	.16%
Extra bbls NY	.....	.....	.12%
No. 1 bbls NY	.....	.....	.12
C.P. bbls NY	.....	.....	.20%
Oleo Oil No. 1, bbls NY	.....	.....	.13
No. 2 bbls NY	.....	.....	.12%
No. 3, bbls NY	.....	.....	.10%
OLIVE, denatured bbls NY	gal	1.15	1.20
Edible, bbls NY	gal	.....	1.85
Peas bbls NY	.....	.....	.08%
Shipments	.....	.....	.08%
Palm Lagoon, 1500 lb casks	.....	.....	.08%
Niger casks	.....	.....	.08%
Bonny old Calabar, casks	.....	.....	nom.
Palm Kernel bbl NY	.....	.....	.10
Casks	.....	.....	.00%

Peanut refined bbls NY	.....	.15	nom.
Crude, malle buyers' tks	.....	.....	.10
Crude, bbls, NY	.....	.....	.11
Perilla, bbls NY	.....	.13%	.14
Poppyseed, bbls NY	gal	1.70	1.75
Rapeseed, bbls NY Japanese	gal	.88	.90
English	gal	.92	.95
Blown bbls NY	gal	1.12	1.12
Red oil, distilled bbls	.....	.10	.10%
Tanks	.....	.....	.09%
Saponified, bbls	.....	.10%	.11
Tanks	.....	.....	.09%
Salmon, 8000 gal. tks. Coast	gal	.50	nom.
Sardine, Tanks, Pacific Coast	gal	.....	.57
Sesame, edible, yellow bbls	.....	.12%	.14
White	.....	.14%	.15
Sod Oil, bbls, NY	gal	.....	.40
SOYA BEAN, crude tks. Pac. Co. T.	.....	.10%	.10%
Crude, tanks NY	.....	.10%	.10%
Crude, bbls NY	.....	.12%	.12%
Refined, bbls NY	.....	.13%	.14
Sperm., 38° c.t. bleached bbls NY	gal	.85	.86
45° cold test, bleached bbls NY	gal	.83	.84
STEARIC ACID,			
Double pressed, bags distilled	lb	.14	.14%
Double pressed bags saponified	lb	.14	.14%
Carlota	.....	.....	.13%
Triple pressed, bags, distilled	lb	.16%	.16%
Triple pressed, bags, saponified	lb	.16%	.16%
Carlota	.....	.....	.14%
Stearine oleo, bbls	.....	.....	.11
Tallow edible, tierces	.....	.....	.09%
City Extra loose	.....	.....	.08
Tallow Oil, acidless tks, NY	.....	.....	.11%
Bbls. c-1 NY	.....	.....	.12%
Walnut, crude bbls NY	.....	.....	.....
Whale, nat winter bbls, NY	gal	.75	.78
Bleached winter bbls, NY	gal	.78	.80
Extra Blech. bbls, NY	gal	.80	.82
Crude No. 1, tanks coast	gal	.....	.....
Crude No. 2, tanks coast	gal	.....	.....
Crude No. 3, tanks coast	gal	.....	.....

Crude Drugs

Acetone Quin, red, one Yacon	.....	.....	.....
ACONITE LEAVES, bales	.....	.09	.10
Root, USP, bags	.....	.24	.25
Agar Agar, 1, 200 lb bbls	.....	1.15	1.25
No 2 bales	.....	.....	1.00
No. 3, bales	.....	.73	.75
Agaric white, cases	.....	.90	.95
Granulated, boxes	.....	1.35	1.50
Almonds, bitter, boxes	.....	.55	.60
Sweet, boxes	.....	.65	.70
Meal, barrels, boxes	.....	.24	.28
Aletris Root, bags	.....	.40	.42
Alkanet Root, bag	.....	.08%	.10
Aloes, Barbados 120 lb bbls	.....	1.00	1.10
Powdered	.....	1.10	1.20
Cape, 400 lb cases	.....	.10%	.12
Curacao, 100 lb cases	.....	.10%	.12
Socotrine whole, 300 lb	.....	.30	.33
Althea Root Cut	.....	.44	.45
Ord. & Fed. bgs	.....	.50	.55
Ambergia, black boxes	.....	18.00	20.00
Grey, boxes	.....	30.00	35.00
Ammoniac, tears, bags	.....	.60	.75
Angelica Root, dom. bags	.....	.17	.18
Imp.	.....	.15	.16
Anacardura Bark, bags	.....	.15	.20
Anise, Levant, bags	.....	.12%	.13
Russian bags	.....	.12	.12%
Star Case	.....	.13%	.15
Spanish bags	.....	.12%	.13%
Annatto Seed, 200 lb bags	.....	.13	.14
ARABIC GUM.			
White, No. 1, 300 lb bags	.....	.24	.25
Secunda, 250 lb bags	.....	.22	.23
Sorta, Amber 200 bags bbl	.....	.12%	.13
Powd. USP, 300 lb bbls	.....	.20	.23
Area, Nuts 150 lb bags	.....	.18	.19
Powd., 200 lb bbls23	.25
Arnica Flowers bales13	.20
Root bags42

COD LIVER OIL

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ENSURE UNIFORMITY

Intermediates Division

National Aniline & Chemical Co., Inc.
40 Rector Street, New York, N. Y.

Crude Drugs

Arrowroot Amer. Powd., bbls	.10	.10%	Burdock Root, bags	.10	.10%	Cassia Batavia, No. 3 bales	.09%	.10
Bermuda, bbls	.12	.12%	Seed bags	.11	.11%	China, Select rolls cases	.07%	.08%
St. Vincent Powd. bbls	.12	.12%	Burgundy Pitch dom 110 stands	.11	.11%	Broken, bales	.07%	.07%
Asafetida, USP, 250 lb cases	.27	.28	Gross for net	.08	.08%	Saigon, Cut thin	.30	.31
Powd., 50 lb bxs	.44	.50	Imported	.11	.12	Buds, cases	.22	.22%
BALM GILEAD BUDS, bags	.39	.44	Calabar Beans bags	.45	.60	Cassia Fistula, baskets	.07	.09
Raietony Herbs, bales	.15	.15	Calamus Root, bleached, cases	.45	.60	Castile Soap, USP, powd., 200 lb	.20	.22
BALSAMS			Unbleached bags	.06%	.07	Castor Beans, bags	.30	.33
Copaiba, Para 80 lb cs	.42%	.45	Calendula Petals Imp bales	.80	.85	Catnip Herb. bales	.23	.26
South American 80 lb cs	.46	.49	Callisaya Bark, bales	.24	.25	Catchu Gum bags	.11	.12
Fir Canada, case	11.50	12.00	Powdered, bbls	.06	.07	Celery Seed bales	.20%	.23
Oregon bbls cases	1.00	1.20	Canary Seed, Morocco, bags	.08%	.08%	Ceratin Wax, white bags	.12	.30
Peru, 120 lb cases	1.80	1.90	Spanish bags	.04%	.05%	Yellow, 200 lb bags	.10	.12
Tolu, 120 lb cases	1.10	1.15	South American, bags	.05%	.06%	Imp., 100 lb bags	.28	.38
Ramboo Brier Root, bags	.18	.18	Dutch bags	.36	.38	CHAMOMILE FLOWERS, Roman		
Raspberry Bark, tree bales	.24	.25	Candellilla Wax, bags	.40	.42	cases bales	.21	.25
Root, bags	.10	.10%	Cannabis, true Imp., bags	.22	.25	Hung cases bales	.19	.20
Bayberry Bark, bales	.21	.22	American (no assay) bales	.28	.30	Charcoal, Willow powd bbls	.06	.06%
Wax bbls	.22	.25	USP	.75	.78	Wood powd. bbls	.04	.05
Belladonna Leaves, bales	.17	.22	Cantharid's, Chinese cases	1.00	1.15	Chestnut Bark, bags	.07	.08
Root bags	.59	.60	Powdered bags	.60	.65	Herb, bales	.06	.06%
Bees Wax, white cases	.48	.49	Russian, cases	.75	.80	Chicle Gum, 100 lbs	.75	.80
Yellow, refined cases	.41	.46	Powdered boxes	.07%	.08	Chiffonia bales	.07	.10
Crude bags	.27	.28	Caraway Seed, African, bags	.06%	.07	Chiffonia Bark, red quill bales	.65	.70
Commercial cs.	1.10	1.45	Dutch, 11 lb bags	2.65	3.00	20 inch	.60	.65
Bernolm Gum, Giam, boxes	.32	.35	Cardamom, bleached cases	1.65	1.70	10 inch	.24	.25
Sumatra 80 lb bxs	.23	.24	Decorated cases	1.10	1.20	Chips, red 150 lb bgs	.53	.54
Berberis Aquifolium Root, bags	.25	.26	Green, grinding bags	.50	nom.	Yellow	.51	.53
Beth Root, bags	.25	.26	Carnauba Wax, Flor., bags	.50	nom.	No. 2, bales bond	.48	nom.
Bitter Root, 100 lb bags	.25	.26	Powd.	.48	.49	No. 3 bales	2.35	2.50
Blackhaw Bark, root bales	.16	.16%	No. 1, Yellow bags	.43	.44	Civet Abyssin horns	.15	.16
Tree, bales	.25	.30	No. 2, regular bags	.36	.38	Civet Tops bags	.23	.24
Black Indian Root, 100 lb bags	.13	.14	No. 3, N Country bags	.125	1.50	Cloves, Zanzibar 135 lb bls	.42	nom.
Blood Root, bags	.26	.27	No. 3, chalky bags	.70	.75	Amboyas, bales	.65	.67
Blueflag Root, bags	.19	.22	Cascara Amarga 150 lb bls	.18	.20	Penang, bales	.71	.72
Boldo Leaves, bales	.07	.08	Sh-called bales	.15	.18	Cochineal, Black	.07	.08%
Boneset Herb, bales	.08	.09	Cascara Sagrada, bales	.13%	.15	Silver	.08	.10
Leaves, bales	.17	.19	1923 bark	.11	.11%	Coca Leaves, Huancu bags	.06%	.07
Borago Flowers, bales	.11	.12	1924 bark	.95	1.00	Cochineal Root, bags	.20	.21
Byronia Root, bags	.45	.47	Cascarilla Bark, quills bales	.30	.38	Blue, bags	.30	.34
BUCHU LEAVES, short, 250 lb	.50	.52	Siftings bbls	.08	.08	Colocynth, Pulp USP, bales		
Low bales	.12	.15	Cassia Batavia, No. 1 bales	.10%	.11			
Long bales	.06	.07	Shortstick, bales					
Buckbean Leaves, bales	.40	.85						
Buckthorn Bark, bags								
Berries								

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(Dbl. REFINED)

CROTON CHEMICAL CORP.
14 CEDAR STREET
NEW YORK, N. Y.

Crude Drugs

.10	Coltsfoot Leaves, bags10	.12	Elecampane Root, bags07 1/2	.08 1/2	Guarana, tira cases	1.25
.08 1/2	Comfrey Root, bags .....	.12	.13	Elder Flowers, bags .....	.10	.11	GUM, see Arabic Gum, etc.	
.07 1/2	Condurango Bark, bags .....	.13	.13 1/2	Elemi Gum, 85 lb cases .....	.20	.21	HELLEBORE ROOT	
.31	Conium Herb, bags .....	.11	.12	Elm, bark select 5 lb bundle cases .....	.21	.23	Black, bbls .....	.05 1/2 .04
.22 1/2	Seed, bags .....	.10	.11	Grinding bags .....	.14 1/2	.16	Powdered .....	.13 : .15
.00				Powdered, bbls .....	.22	.28	White, 250 lb bbls .....	.09 : .10
.22	Copaiba Balsam Para, See Balsams			ERGOT, 150 lb 200 lb bags	1.25	1.35	Powdered .....	.10 : .11
.33	Copal Gum .....	.12	.13	Eucalyptus Leaves, bales .....	.05	.06	Helonias Root (unclean false)	
.03 1/2	Coriander Seed, Bombay, bags .....	.06	.06 1/2	Euphorbia Pilulifera Herb bags .....	.08	.09	bags .....	.62 : .95
.12	Morocco, bags .....	.04 1/2	.05	Euphorbium Gum, cases .....	.23	.27	Hemp Seed, Bags .....	.04 1/2 .05
.23	Bleached bags .....	.07 1/2	.08	Powdered boxes .....	.28	.30	Hennane Leaves, Pales USP, .....	.22 : .25
.30	Corn Silk bales .....	.05 1/2	.06	Fennel Seed, French bags .....	.08	.09	Henna Leaves bales .....	.11 : .13
.12	Cotton Root Bark bales .....	.13	.14	German bags .....	.11 1/2	.12 1/2	Powdered .....	.16 : .17
.38	Cowhage, oz. tins	1.25	1.30	Indian bags			Honey, Calif., 120 lb cases .....	.11 : .12
.25	Cramp Bark, so called bales .....	.06 1/2	.07	Fenugreek Seed, 200 lb bags .....	.04 1/2	.05	Hops, NY prime bales .....	.28 : .30
.20	True, bags .....	.30	.32	Fish Berries, 100-125 lb bags .....	.06	.07 1/2	Pacific Coast prime bales .....	.25 : .27
.04 1/2	Cranebill Root, bags .....	.09	.10	Flax Seed, whole 180 lb bbls		14.75	Horehound Herb bales .....	.08 .09
.05	CUBE BERRIES XX bags .....	.58	.60	Ground 180 lb bbls .....	.08	.08 1/2	Horse Nettle, Berries, bags .....	.35 : .55
.08	Powdered, bxs .....	.63	.65	Fringe Tree Bark, bags .....	.22	.23	Horsetail Rush, bags .....	.15
.08 1/2	Culvers Root, bags .....	.18	.20	Fumigating Pastilles Black 1 lb			Hydrangea Root, bales .....	.09 : .10
.80	Cumin Seed, Malta bags .....	.10 1/2	.10 3/4	boxes .....	.40	.42	India Gum, see Karaya	
.10	Morocco bags .....	.08 1/2	.10	Red, 1 lb boxes .....	.45	.50	INSECT FLOWERS open whole	
.70	Cattlefish Bone, Trieste, straps .....	.12 1/2	.13	GALANGAL ROOT, bags .....	.09	.10	Bales	
.85	Jewelers large, straps .....		.50	Galbanum Gum, cases		1.35	Powdered .....	.24 : .25
.24	Small, straps .....		.25	Gambier Gum, bbls		10 1/2	Closed, whole bales	
.54	French straps .....	.12 1/2	.15	Gamboge Gum, 100 lb cases .....	.85	1.00	Powdered pure 200 lb bbls .....	.28 : .30
.33	Powdered boxes .....	.08	.09	Powdered cases	1.00	1.10	Ipecac Root, Cartagena bags	3.20 : 3.25
nom.	Broken boxes .....		.07	Gelsemium Root, bgs .....	.09 1/2	.10	Powdered 200 lb bbls bxs	3.55 : 3.65
2.50	Damar Gum, Batavia, 136 lb cs .....	.25	.28	Gentian Root, bags .....	.07 1/2	.08	Rio Whole, bags	
.16	Singapore No. 1 cs .....	.39	.40	Ground, bbls, boxes .....	.10	.11	Powdered 200 lb bbls bxs	3.60 : 3.65
.24	Dandelion Root, Imp., bags .....	.17	.18 1/2	Powdered boxes .....	.11	.12	Isinglass American, 130 lb cs .....	.85 : .90
nom.	Deer Tongue Leaves bales .....	.17	.20	Ginger African bags .....	.09	.09 1/2	Russian (Beluga) bxs ctms	4.00 : 4.50
.67	Digitalis Leaves, bales .....	.22	.26	Jamaica grinding bags bbls .....	.14 1/2	.15 1/2	JABORANDI LEAVES, bales .....	.09 : .10
.72	Dill Seed, bags .....	.07 1/2	.08	Japan, bags .....	.20	.21	Jalap Root, whole 150 lb bags .....	.24 : .30
.08 1/2	Cleaved bags .....	.15	nom.	Cochin, ABC, & Lemon bgs .....	.14	.14 1/2	Powdered, USP, 250 lb bbls .....	.30 : .32
.10	Dogwood Bark, Jamaica bags .....	.09 1/2	.10	Ginseng Root, cultivated bags	8.00	10.00	Japan Wax, 224 lb cs .....	.17 1/2 .18
.07	American, bales .....	.07	.08	Northwestern Wild, bags	12.00	14.00	Job's Tears, White bags .....	.12 : .13
.21	Doggrass Root, USP, cut bags .....	.11 1/2	.12	Northern Wild, bags	8.50	10.00	Juniper Berries, 125 lb bags .....	.07 1/2 .08
.34	Dragons Blood, mass cases .....	.70	.75	Golden Seal Root bags	5.35	5.50	Sifted bags .....	.06
	Reeds, boxes .....	.95	1.00	Powdered boxes	6.00	6.25	KAMALA, USP, boxes	1.00
	ECHINACEA, Root bags .....	.30	.33	Herb bbls		1.35	Karaya Gum, powdered bbls .....	.10 : .25
				Grains of Paradise, bags .....	.14	.15		
				Grindella Robusta Hedb bales .....	.09	.09 1/2		
				Guaiac Gum, 80 lb cases powd .....	.37	.40		
				powd. .....		.50		

*"Such Popularity
Must Be Deserved"*

(Acknowledgment to Chesterfield)

For eleven years, with one exception, the deflation year of 1920, the number of DRUG & CHEMICAL MARKETS readers has steadily increased. We have never forced the circulation by wholesale purchase of subscribers, by combination offers, by premiums, and we have never cut the price. Growth has been solid as it is constant.

Crude Drugs

Kauri, No. 1	lb	.68	.70	Marjoram Leaves, French, bales	lb	.46	.47	Opium, Powdered, USP, case	lb	13.00	14.08
Kava kava root bags	lb	.16	.17	Chilian, bales	lb	.36	.37	Orange Flowers, case	lb	.35	1.35
Klao Gum, black cases	lb	.50	.55	Mastic Gum, 120 lb case	lb	.48	.50	Peel, bitter, bags	lb	.07	.08
Kola Nuts, 150 lb bags	lb	.06	.06 1/2	Matico Leaves, bales	lb	.50	.55	Sweet bags	lb	.10	.11
Kousoo Flowers, bags	lb	.50	1.25	Mezeron Bark, bags	lb	.11	.12	ORRIS ROOT, Florentine bid bgs	lb	.08 1/2	.10
LADY SLIPPER ROOT, bags	lb	.45	.47	Millet Seed, dom., yellow bags	lb	.03 1/2	.04	Powdered 200 lb bbls	lb	.11 1/2	.12
Larkspur Seed, bags	lb	1.55	1.60	Montan Wax, crude bags	lb	.06 1/2	.07	Verona, bags	lb	.08	.08 1/2
Laurel Berries bags	lb	.08	.09	Bleached bags	lb	.25	.28	Powdered 200 lb bbls	lb	.11	.12
Leaves, Greek bags	lb	.05	.05 1/2	Moss, Iceland, bales	lb	.08	.08 1/2	Fingers, cans	lb	.56	.60
Italian bales	lb	.04 1/2	.05	Arach, bleached, bales	lb	.12	.13	Isokerrie Wax, brown hard bags	lb	.34	.35
American, bales	lb	.23	.35	Mullein Flowers, tins	lb	.12	2.00	Green, hard bags	lb	.30	.31
Lavender Flowers, ordinary	lb	.25	.28	Musk, pods, carbadine, tins	lb	.02	.02	Refined, yellow, bags	lb	.37	.37
Selected	lb	.35	.40	Tonguin tins	lb	24.00	26.00	PAPRIKA, bags	lb	.18 1/2	.25 1/2
Leeches tube	Per 100	3.00	3.25	Grain Cab tins	lb	.05	.05	Paraira Brava Root, bags	lb	.11	.13
Lemon Peel, bags	lb	.07 1/2	.08	Tonguin tins	lb	36.00	44.00	Parsley Seed, bags	lb	.15	.17
Licorice Root, Russian whole bls	lb	.12	.13	Synthetic, see Chemicals				Patchouli, Leaves bales	lb	.19	.20
Spanish, natural bales	lb	.05 1/2	.07	Musk Root, Russian bags	lb	.60	.65	Pellitory Root, bales	lb	.15	.16
Powdered, bbls	lb	.08 1/2	.10 1/2	Mustard Seed Bari brown bags	lb	.11 1/2	.12	Pennyroyal Herb 100 lb bgs	lb	.08	.09
Selected 2 & 5 lb bundles	lb	.15	.16	Bombay, brown bags	lb	.07 1/2	.08	Leaves, 100 lb. bgs	lb	.20	.21
Cuttings 125 lb bags	lb	.06 1/2	.07	California, brown bags	lb	.09 1/2	.10 1/2	Pepper black, Sling bags	lb	.30	.32
Turkish, 150 lb bales	lb	.05	.06	Yellow bags	lb	.11 1/2	.11 1/2	White bags	lb	.33 1/2	.34 1/2
Time Juice, clarified bbls	gal	.60	.65	Chinese, yellow bags	lb	.05 1/2	.06 1/2	Aleppy bags	lb	.22	.23
Linden Flwrs with Leaves, bales	lb	.11	.12	English Yellow bags	lb	.13	.13 1/2	Lempong bags	lb	.22	.23
Without Leaves, bales	lb	.21	.25	Dutch, yellow bags	lb	.12 1/2	.13	Tellcherry, bags	lb	.22 1/2	.23 1/2
Lobelia Herb, bales	lb	.36	.40	Danish, yellow bags	lb	.08 1/2	.09	Muntok, bags	lb	.34	.35
Seed, bags	lb	.60	.70	Myrrh Gum, select, 200 lb cs	lb	.24	.27	Red Chillies Japan No. 1, bgs	lb	.13 1/2	.14 1/2
Lovage Root, Imported bags	lb	.18	.25	Sorts, cases	lb	.30	.34	Mombasa, bags	lb	.10 1/2	.10 1/2
Lupulin N.F. tins	lb	1.60	1.70	MUTGALLS, Chinese, bags	lb	.17	.18	Capsicum Bombay bags	lb	.10	.10 1/2
Bands, No. 1, cases	lb	1.00	1.05	Aleppy bags	lb	.24	.25	Peppermint leaves, imp., bales	lb	.50	.50
Lyceopodium, 88 lb cs	lb	.95	1.00	Powd. bags	lb	.23	.24	Domestic	lb	.24	.40
MACE, Slaw No. 1	lb	1.00	1.02	Nutmegs, 110s cases	lb	.45	.46	Herb bls	lb	.18	.20
Banda, No. 1, cases	lb	1.10	1.12	75s, 80s, cases	lb	.53	.53 1/2	Pern Balsam, see Balsams			
Batavia, No. 2 cases	lb	.83 1/2	.84	Grinding, bags	lb	.48	.49	Pichi Leaves, bags	lb	.16	.18
West India, cases	lb	.93	.94	Nux-vomica Buttons, bags	lb	.05	.06	Pimento Select, bags	lb	.13	.13 1/2
Malva Flowers, blue bales	lb	.16	1.00	Powdered, 200 lb bbls	lb	.07 1/2	.10	Pink root, true bags	lb	.55	.63
Black, bales	lb	.65	nom.	OAK BARK, red bags	lb	.04 1/2	.05 1/2	Pitch, Burgundy, see Burgundy Pitch			
Manaca Root, bales	lb	.16	.20	White, bags	lb	.08	.07	Plantain Leaves, bales	lb	.12	.18
Manna, large flake cases	lb	.55	.60	Oilbanum Gum, Sift 280 lb cases	lb	.10	.11	Pleurisy Root, bags	lb	.19	.20
Small flake cases	lb	.43	.52	No. 1, all white 280 lb cases	lb	.22	.24	Poke Berries, bags	lb	.15	.17
Small, cases	lb	.30	.30	No. 2, 280 lb cases	lb	.17	.18	Root,	lb	.09	.10
Mandrake Root, bags	lb	.12	.14	No. 3, 280 lb cs	lb	.11	.12	Pomegranate Bark, of root bags	lb	.25	.35
Marjoram Leaves, German bales	lb	.47	.49	Opdum, gum, USP, cases	lb	12.00	13.00	Of Fruit bags	lb	.23	.25
African, bales	lb			Granular, case	lb	13.00	14.00	Of Tree	lb	.60	.65
								Poppy Flowers, red bags	lb	.42	.45
								Head	lb		

CHURCH & DWIGHT CO., INC.

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New York

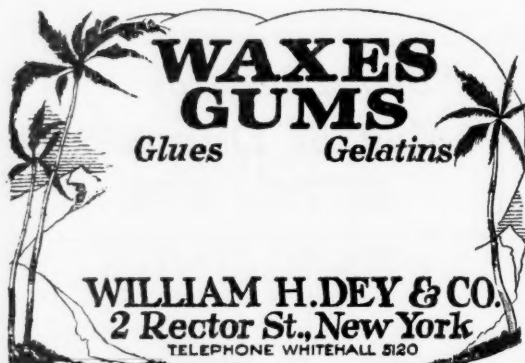
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ROSS-GOULD CO. 10th St. St. Louis

Crude Drugs

4.08	Poppy Seed Dutch bags	14%	15%	Savory Leaves, bales	.09	.09%	Spruce Gum, boxes	1.00	1.10
1.25	German bags	.09%	.10	Saw Palmetto Berries bags	.10	1.25	Squaw Vine, bales	.18%	.19
.11	Turkish, bags	.08%	.09%	Scammony Resin, boxes	1.35	1.50	Squills, white	.05	.05%
.10	Blue Indian, bags	.09%	.10	Root bags	.07%	.08%	Powdered bulk	.12	.15
.12	White Indian bags	.09%	.10	Senega Root, bags	.65	.67	Stavesacre Seed bags	.24	.25
.04%	Prickly Ash, Bark, Southern, bags	.14	.15	SENNA, Alex 150 lb cases	.22	.23	Sticklac, 250 lb bales	.20	.20
.12	Northern bags	.18	.20	Half Leaf, 150 lb cases	.13	.15	Stillingia Root, bags	.14	.18
.60	Berries bags	.75	.75	Siftings, 400 lb bales	.11	.12	Stone Root, bags	.09	.10
.36	Prince's Pine, bales	.15	.16	Powdered, 200 lb bbls	.13	.14	St. Ignatius Beans, bags	.13	.14
.31	Pulsatilla Herb, bags	.11	.12	Tinnerelly, Bold, 350 lb bbls	.13%	.14	St. John's Bread bags	.07%	.07%
.37	Pumpkin Seed, bags	.17	.19	Medium Leaf bbls	.11	.11%	Stramonium Leaves, bales	.14	.14%
.25%	QUASSIA CHIPS, bags	.06%	.08	Small Leaf	.08	.08%	Seed bags	.08	.09
.13	Quebracho, bk., 125 lb bbls	.55	.55	Powdered, 200 lb bbls	.10	.12	Strophanthus Seed, Hispidus	.08	.09
.17	Queen of the Meadow Herb	.07%	.07%	Pods, 350 lb bales	.12%	.13	Kombe bags	nom.	nom.
.20	Root, bags	.08%	.08%	Serpentaria Root, bags	.80	.85	Styrax, liquid artif.	.35	.40
.16	Quince Seed, bags	.70	.75	Shellac, D. C. bags	.62	.63	Gen. USP	.35	.45
.09	Cape bg.	.85	.90	V. S. O. bags	.62	.63	Sunflower Seed, domestic bags	.05%	.06
.21	RAPE SEED, South Amer., bags	.06	.07	Diamond 1 bags	.62	.63	South American, bags	.05	.05%
.34%	Dutch, bags	.06%	.06%	Superfine, Orange bags	.34	.35	TAGALDER BARK, bags	.05	.06
.23	Japanese small bags	.06%	.07	Flne, bags	.33	.34	Tamarinds, bbls	.06%	.07
.23	Raspberries, dried bbls	1.35	1.50	T. N. bags	.26	.27	Kegs	3.75	3.80
.23%	eed Saunders, bags	.08%	.09	Garnet, A. C.	.30	.31	Tansy Herb, bales	.13	.14
.35	Rhatany Root bags	.11	.12	Button bags	.72	.75	Tar, Barbadoes, 50 gal bbls	1.40	1.45
.14%	RHUBARB, Root HD cases	.35	.40	Bone Dry, bbls	.38	.40	Thus Gum, 280 lb bbls	.11%	.13
.10%	Powd., bbls	.40	.42	Sideritis Herb, cut bags	.15	.18	Tilia, see Linden		
.10%	Rosemary Leaves bales	.05%	.10	Simaruba Bark, bales	.08	.09	Thyme, Spanish bales	.08%	.09
.50	Flowers, cases bales	.35	.40	Skullcap Leaves, Eastern bales	.42	.43	French, bales	.08	.09
.40	Rose Petals pale	.24	.28	Western bales	.23	.26	Tolu Balsam, see Balsams		
.20	Red	1.75	2.25	Snake Root, Canada, natural bags	.29	.32	Tonga Bark, bags	.175	.175
.18	Rue Herb, bales	.18	.20	Stripped bags	.65	.70	Root bbls	.175	.175
.13%	SABADILLA SEED, bags	.22	.25	SOAP BARK, whole, 150-200 lb	.10	.12	Vine bbls	.175	.175
.63	Powdered bbls	.28	.30	bales	.10	.12	Tonka Beans, Angostura, cases	1.90	2.00
.18	Saffron Flowers Amer bales	.40	.45	Cut, 125-175 lb bags	.09%	.11	Para, cases	.85	.90
.20	Valencia, 1 lb cans	24.50	25.00	Crushed 200 lb bbls	.11	.11	Surinam cases	.85	.90
.17	age, Dalmatian bales	.05	.05%	Powdered, bgs bbls	.12%	.14	Tragacanth Gum, No. 1 ribbon	1.65	1.70
.35	Greek, bales	.02%	.03%	Spearmint Leaves American bales	.21	.25	100 lb cs	1.40	1.45
.10	Spanish bales	.03	.03%	Herb, bales	.38	.42	No 2	1.25	1.30
.30	Randallwood, chips, bags	.15%	.16	Spermaceti, blocks, cakes cases	.41	.43	No 3	.90	1.00
.26	Ground, bags	.21	.22	Domestic	.15	.17	Powdered, 50 lb boxes	.45	.50
.65	Handarac Gum, 300 lb bbls	.84	.86	Spikenard Root, bags			Turkish, cases		
.45	Sarsaparilla Root, Honduras, bales	.68	.70						
	Mexican	nom.	nom.						
	Sassafras Bark, ordinary bales	.15	.15						
	Select, bales	.26	.29						



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Essential Oils

Turmeric Root, Madras bags ..	.07	.07½
Alleppey bags08½	.09
Powdered13	.14
China, bags .....	.09	.09½
Turpentine, Venice true 80 lb cs	.28	.32
Artificial, 80 lb cases .....	.19	.20
Spirits, see Naval Stores		
UNICORN ROOT, false, see Helonias		
True, see Aletris		
Uva Ursi Leaves, bales .....	.05	.05½
VALERIAN ROOT, Belgian bags ..	.50	.55
USP .....	.28	.30
Vanilla Beans Mex., whole case ..	6.00	9.50
Cuts, cases	4.00	4.00
Bourbon, cases	4.00	4.50
South American, cases	3.75	4.00
Tahiti, yellow label cases	2.50	2.75
Green Label, cases .....	...	...
Vetiver Root, 100 lb bags .....	.25	.26
Violet Flowers, bags .....	.70	.72
WANOO BARK, of root bags .....	.68	.70
Of Tree, bags .....	.80	.82
White Pine Bark, rosed, bags .....	.06½	.07
White Poplar Bark, bags .....	.06	.07
Wild Cherry Bark, thin green		
Rosed, bales .....	.12	.13
Thick Rosed, bales .....	.06½	.07
Thin Natural, bales .....	.07½	.08
Thick Natural, bales .....	.06½	.10
Willow bark, bags .....	...	.07
White, bags .....	...	.15
Witch Hazel Bark, bgs .....	.08½	.08
Leaves, bales .....	.08	.09
Worm Seed American bags .....	.16	.25
Lerant, bags	3.25	3.50
Wormwood Herb, imported bales ..	...	.10
Yacca Gum, red .....	.03½	.04
Ground .....	.06	.06½
Yellow Root (Xanthoxia) bgs .....	.16	.17
YELLOW DOCK ROOT, bags .....	.10½	.11
Yellow Parilla Root, bags .....	.16	.17
Yerba Mate bags .....	.22	.30
Yerba santa, bags .....	.10	.11
Zedoary Root, bags .....	.06	.08

Essential Oils

Almond, Bitter, USP, 5 lb bot ..	3.00	3.25
Bitter ff PA 5 lb bots	3.15	3.35
Sweet, 50 lb cans .....	.88	.90
Amber, crude 25 lb tins .....	.35	.60
Rectified, 25 lb tins .....	.75	.82
Angelica Root, 1 lb bot	20.00	30.00
Anise Tech., 60 lb case .....	.57	.62
USP, 60 lb cans .....	.65	.70
Apricot, Kernel 50 lb cans .....	.65	.68
Bay, 25 lb tins	2.20	2.25
Terpeneless	6.00	6.50
Bergamot, 25 lb coppers	7.75	8.00
Terpeneless	10.00	14.00
Artificial, 25 lb cans	2.50	3.25
Birch Tar, rect., 5 lb bot .....	.50	.60
Crude, 50 lb tins .....	.16	.20
Bols de Rose, tins	3.00	3.50
Cade, 25 lb cans .....	.27	.28
Cajuput native 50 lb tins .....	.75	.80
Calamus, 5 lb bot	3.50	3.75
Camphor, Sassy 1,000 lb drs ..	.14½	.16½
White 1000 lb drs .....	.11½	.12
Cans, 50 lbs .....	.14	.14½
Cananga, Native, 25 tins	4.10	4.25
Rectified, 25 lb tins	4.40	4.60
Caraway, USP	1.45	1.50
Cardamom, USP 1 lb bot	28.00	48.00
Carvol, 5 lb bot	5.25	5.75
Cascarilla, USP, 1 lb bot	50.00	52.00
CASSIA, 80-85% 400 lb drs ..	2.25	2.30
Redistilled USP, 50 lb cans ..	2.75	2.80
Cedar Leaf, 50 lb tins .....	.82½	.90
Cedar Wood, light, 1,000 lb drs ..	.22	.25
Celery, 1 lb bot	9.50	10.00
Chaulmoogra, 80 lb cases .....	.85	.90
Cinnamon Ceylon, 1 lb bot	10.50	13.00
Leaf, 5 lb bot	1.40	1.50

CITRONELLA, Ceylon

1,000 lb drums .....	.44	.46
50 lb tins .....	.47	.49
Java, 400 lb drums .....	.75	.80
50 lb tins .....	.85	.90
Cloves, USP, 50 lb cans	1.85	2.00
6 lb bot	1.90	1.95
Copalba .....	.40	.45
Coriander, USP, 1 lb bot	6.75	8.00
Croton, USP, 25 lb tins .....	.90	1.00
Cubebs, USP, 5 lb bot	4.15	4.40
Cymol, 1 lb bot	9.00	10.50
Dill, 25 lb cans	4.25	4.30
Erigeron 20 lb tins	6.25	6.50
EUCALYPTUS, Austral. USP,		
50 lb cs .....	.53	.54
500 lb drums .....	.52	.53
Fennel, USP, 25 lb tins .....	.80	.85
Geranium, African 25 lb cans ..	3.25	3.50
Bourbon, 25 lb tins	3.00	3.30
Turkish 25 lb tins	3.25	3.50
Ginger 1 lb bot	8.25	9.00
Gingergrass, 25 lb tins	2.50	2.75
Hemlock, 25 lb tins .....	.85	.95
Juniper Berries, USP, 25 lb tins ..	2.75	3.00
Wood, 50 lb tins .....	.50	.70
Lavender, USP, 28 lb tins	4.60	5.00
Spike Spanish 50 lb cans	1.25	1.50
LEMON Ital., 25 lb cans	2.50	2.65
Terpeneless	18.00	22.00
American, USP, 25 cans	2.60	2.90
Lemongrass, native 50 lb cans ..	1.10	1.20
Limes, expressed, 25 lb tins ..	9.50	10.00
Distilled, 25 lb tins	7.00	7.50
Linaloe Mex., 80 lb cases	2.90	3.25
Mace, distilled, 50 lb tins	1.75	1.80
Mirbane, ref., Aromatic Chemicals		
Mustard, USP, 1 lb bot	12.00	14.00
Artif., USP, 5 lb bot	2.10	2.25
Neroli, Bigarade ½ & 1 lb bot ..	75.00	100.00
Petale, 1 lb bot	100.00	125.00
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Nutmeg, USP, 25 lb tins	1.75	1.80	Vetivert, Bourbon, 10 bot	18.00	20.00	Linalool, From Bois de Rose 5 lb bot	5.00
Orange, bitter, 25 lb tins	2.70	2.85	Indian, 1 lb bot	30.00	40.00	Menthyl, 60 lb cases	5.50
Sweet W Ind 25 lb tins	2.70	2.80	Jawa, 1 lb bot	20.00	22.00	less cases, 5 lb cans	5.80
Italian 25 lb cop	3.00	3.10	Wine, heavy, 1 lb bot	1.75		Rhodiol, 1 lb bot	16.00
American 25 lb tins	2.90	3.00	WINTERGREEN			Extra, 1 lb bot	35.00
Distilled, 25 lb tins	1.75	1.85	Sweet bch., 25 lb tins	2.50	4.75	SAFROL, drums	.30
Spanish 25 lb tins		3.60	Southern, 25 lb tins	1.85	2.00	60 lb cans	.32
Origanum, 50 lb cans tech	.28	.30	Gaultheria, true 25 lb tins	7.00	8.00	Thymol, USP, 25 lb tins	4.25
Paralel, 1 lb bot	6.50	8.50	Southern, 25 lb tins	3.75	4.00		
Patchouli, 5 lb bot	7.00	7.25	Synthetic, see Methyl Salicylate				
Pennyroyal, dom., 25 lb tins	2.50	2.75	Wormseed, Balt., USP, 25 lb tins	5.65	6.00		
Imported, 25 lb tins	2.40	2.50	Wormwood, dom., 25 lb tins	7.00	7.75		
PEPPERMINT, nat 60 lb case	15.00	15.25	Ylang Ylang Bourbon 10 lb tins				
drums	14.50	nom.	No 1	8.00	9.00		
Redia, USP, 60 lb cases	16.00	16.25	No 3	6.00	7.00		
Petit Grain, S.A. 25 lb tins	2.35	2.50	Manila, 1 lb bot	35.00	40.00		
French, 1 lb bot	6.50	7.00					
Italian 25 lb tins	2.20	2.30					
Pimento, 25 lb tins	4.50	4.75					
Pinus Sylvestris, 25 lb tins	2.00	2.25					
Pumilio, USP, 25 lb tins	2.60	2.75					
Rose, Fr., 8, 16, & 32 oz pkgs	9.00	9.50					
Bulg., 8, 16, & 23 oz pkgs	10.25	13.00					
Artificial, 1 lb bot	2.00	2.75					
Rosemary, USP, 27 1/2 lb tins	.47 1/2	.52 1/2					
1000 drums	.42 1/2	.45					
Tech., 27 1/2 lb tins	.37 1/2	.38					
Rue, 1 lb bot		4.00					
Sandalwood E Ind USP, 100 lb							
Case	7.10	7.35					
W. Indian (Amayria) 25 lb tins	1.85	2.00					
Sassafras, USP, 50 lb cans	.80	.85					
Artificial, 1000 lb cans, 60 lb cases	.27	.29					
Savin, 50 lb tins	2.00	2.15					
Spearmint, USP, 50 lb tins	7.00	8.00					
Spruce, 50 lb tins	.85	.87					
Tansy, Amer., 20 lb tins	6.50	7.50					
Tar, 50 gal bbls	.25	.30					
U.S.P. 50 gal bbls		.75					
Thyme, red., USP, 25 lb tins	.85	1.00					
White, USP, 25 lb tins	1.00	1.10					
Tech., 110 lb drums	.65	.70					

Aromatic Chemicals

NATURAL DERIVATIVES

Anethol, 2 lb bot	1.40	1.75
Borneol, 1 lb bot	2.50	2.60
CITRAL, 25 lb cans	2.75	3.00
Citronellal 1 lb bot	3.00	3.25
EUCALYPTOL, USP, 50 lb cans	.95	1.00
Eugenol, USP, 25 lb cans	2.75	3.00
Geraniol, Domestic, 50 lb cans	3.00	3.25
Imported, 5 lb bot	3.25	3.50
Iso-Eugenol 1 lb bot	4.25	4.50
Imported	3.85	3.90

Aldehyde, C-8 (Octyl) 1 lb bot	45.00	60.00
C-9 (Nonyl) 1 lb bot	70.00	75.00
C-10 (Decyl) 1 lb bot	50.00	58.00
C-12 (Dodecyl), 1 lb bot	27.50	32.50
C-14, 1 lb bot	22.50	25.00
C-16, 1 lb bot	70.00	80.00
Anisole, see Anisole Aldehyde		
Amyl Acetate, pure 5 gal cans gal	4.75	5.50
Bulyrate, 1 lb bot	2.00	2.25
Cinnamate, 1 lb bot	5.00	5.25
Formate 1 lb bot	2.00	2.25
Phenyl Acetate, 1 lb bot	4.50	5.00
SALICYLATE, dom. 100 lb		
chys	1.25	1.30
Imported	2.25	2.50
Valerate, 5 lb bot	2.75	3.00
Anisole Aldehyde 1 lb bot	3.50	3.75
BENZALDEHYDE USP 40 lb chys	1.25	1.35
FFC, 40 lb chys	2.00	2.75
Imported, USP		1.40
Benzole Ether, See Ethyl Benzoate		
Benzophenone 1 lb bot	4.50	5.00
Benzyl Acetate, 100 lb chys	1.10	1.25
Alcohol, 5 lb bot	1.25	1.35
BENZOATE 5 lb bot	1.25	1.35
Medicinal FFC	1.45	1.60
Butyrate, C.P. 1 lb bot	4.00	4.50
Cinnamate 1 lb bot	9.50	9.75
Formate, 1 lb bot	3.00	3.25

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Benzyl Propionate 1 lb bot	4.00	4.25	Iso-Safrol 1 lb bot imp.	2.00	2.50	TERPINEOL, CP., 1000 lb dr ..	.30	.32
Valerate 5 lb bot	7.50	8.00	Domestic 5 lb bot	3.50	3.75	Cans, 50 lb ....	.32	.35
Bornyl Acetate, 1 lb bot	3.25	3.50	Linalyl Acetate, 1 lb bot	8.00	9.50	Absolute, 25 lb cans ....	.50	.60
Bornyl Acetate, 25 lb cases	4.25	4.75	Benzonate, 1 lb bot	13.00	14.00	Imported, 25 lb cans ....	.36	.38
Butyl Anthranilate 1 lb bot dom.	...	16.00	Formate, 5 lb bot	10.50	12.00	VANILLIN, USP, 500 oz cans ..	...	.49
Butyric Ether, See Ethyl Butyrate			Methyl Acetophenone ....	...	4.25	Cans, 16 oz., 80 oz ....	.50	.51
Cinnamic Acid, 5 lb cans	3.25	3.50	ANTHRANILATE dom., 1 lb bot	2.50	3.25	Second Hands ....	.45	.48
Alcohol, Liquid 1 lb bot	4.80	5.00	Imported	2.50	3.00	Valerianic Ether, See Ethyl Valerate		
Crystallizable	7.00	8.00	Benzonate, 5 lb bot import ..	2.00	2.25	Yara Yara, 1 lb cans	1.50	1.60
Aldehyde	3.00	3.20	Domestic, 5 lb bot	1.75	2.00	PERFUMERS' SUNDRIES		
CITRONELLOL, 1 lb bot	5.75	6.50	Cinnamate, 1 lb bot	3.75	4.25	Almond Meal, 25 lb cans ....	.25	.28
Imported, 1 lb bot	7.75	9.00	Heptenone, 1 lb bot	8.50	9.00	Amber, Liquid 400 lb drs	2.20	2.30
Citronalyl Acetate, 1 lb bot	13.00	14.00	Paracresol, 1 lb bot	8.00	9.00	Ambergris, black bxs	18.00	20.00
COUMARIN, 25 lb cans	3.00	3.10	Phenylacetate 5 lb bot dom ..	3.75	4.00	Gray bxs	30.00	35.00
DIETHYL PHTHALATE, See Chemicals			SALICYLATE, USP, 500 lb			Balsam Copaiba, Para, 80 lb cases	.42	.45
Diphenylglyoxal, 25 lb tins	1.15	1.25	50 lb drums ....	...	.35	South American, 80 lb cases	.47	.49
Ethyl Acetate, pure, 5 lb bot ..	.45	.50	50 lb cases ....	...	.37	Peru, 120 lb cases	1.80	1.90
Benzonate, 5 lb bot	1.75	1.90	Mirbane, rect., 1,000 lb drums	.14	.15	Yara, 90 lb cases	1.15	1.20
Butyrate, 5 lb bot	2.00	2.20	Musk Ambrette, 1 lb cans	7.50	8.00	Benzoin Gum, Siam, bxs	1.10	1.45
Caproate, 1 lb bot	3.25	3.50	Ketone, 1 lb cans	9.00	10.00	Castoreum, 1 lb bot	12.00	nom.
Cinnamate, 1 lb bot	4.00	4.50	Xylene 5 lb cans	2.65	2.70	Chalk, precip., light, 175 lb bbls	.04%	.05
Formate, 5 lb bot	1.00	1.25	Nerolin, 1 lb cans	1.50	1.60	Cherry Laurel Water, 5 gal cans	1.15	1.25
Ethyl-methyl Paracresol, 1 lb bot	3.25	3.50	Geraniol, 1 lb bot	2.25	2.30	Cherry Laurel Water, 5 gal cans	1.15	1.25
Ethyl Phenylacetate, 5 lb bot ..	3.75	4.00	Para-Cymene, Refd., 110 gal drs	2.25	2.50	Labdanum, 5 lb bot	7.50	8.00
Propionate, 1 lb bot	2.00	2.25	Phenylacetaldehyde, Dom.,			Lanolin hydrous, 350 lb bbls ..	.15	.21
Valerate, 5 lb bot ....	...	3.75	1 lb bot 50 pe	8.00	8.50	Anhydrous, 350 lb bbls ....	.18	.23
Salicylate, 5 lb bot	2.00	2.10	Imported, 50 p.e.	7.00	7.50	Musk oak, Cabardine, tins ....	...	...
Formic Ether, See Ethyl Formate			80-85 pe	13.00	15.00	Tongqua, tins	24.00	26.00
Geranyl Acetate, 1 lb bot	4.50	5.00	Phenylacetic Acid, 1 lb bot ..	3.00	3.25	Grains, Cabardine, tins ....	...	...
Butyrate, 1 lb bot	13.00	13.50	Phenyl Diacetate, 1 oz bot ..	3.25	3.50	Tongqua, tins	36.00	44.00
Formate, 1 lb bot	12.00	12.50	1 lb bot	8.00	10.00	Synthetic. See Aromatic Chemicals		
Hellotropin, dom., 100-10 lb	1.65	1.75	Imported	7.00	7.75	orris Rt., Flor., powd bbls ..	.12	.13
Imported	2.00	2.25	Phenylethyl Alcohol, 1 lb bot ..	5.20	5.75	Verona, powd. bbls ....	.10	.11
Hydroxycitronellal, 1 lb bot	10.00	12.00	Phenylethyl Butyrate 1 lb bot ..	...	16.00	Petrolatum, snow white 350 lb bbls	.12%	.13
Iodol, C.P. 1 oz bot	3.50	4.00	Formate, 1 lb bot	19.00	21.00	Light Amber, 350 lb bbls ....	.04%	.04%
Ionone, 1 lb bot. 100%	6.75	7.00	Propionate, 1 lb bot ....	...	18.00	Rice Starch, 140 lb bgs ....	.09	.10
Alpha	7.50	10.00	Valerate, 1 lb bot ....	...	20.00	Rice Water A 2-3 gal ebye ..	1.00	1.25
Beta	8.00	8.50	Phenylpropylalcohol, 1 lb bot ..	15.00	16.00	Randallwood chips, powd., bags	...	.75
Methyl	9.50	10.00	Skatol, 1 oz bot	4.50	7.00	Distilled 1 lb tins	1.15	1.30
iso-Butyl Benzoate 5 lb bot	2.75	3.00	Terpinyl Acetate 25 lb cans ..	1.25	1.35	Talc, Italian 220 lb bgs	60.00	80.00
			Imported 25 lb cans ..	1.25	1.35	French 220 lb bags	40.00	45.00
						Domestic ref., 100 lb bags ..	14.00	15.00

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Methyl Acetone	Ansol ML
Ethyl Acetate; 99%-100%, 85%-88%	Ansol PR
Amyl Acetate; High Test and 85%-88%	Ether: Absolute and U. S. P.
Butyl Acetate	Ethyl Carbonate
Ethyl Acetoacetate	Ethyl Lactate
	Ethyl Oxalate
	Diatol
	Cotton Solutions

Imports of Chemicals, Dyestuffs, Drugs, etc.

Imports at New York, April 19 to April 24, 1926

ACIDS—Cresylic, 13 drs., Order, Liverpool; 14 drs., Order, Manchester.

AMMONIUM—Carbonate, 20 cks., Brown Bros & Co., Liverpool; Phosphate, 18 cks., Roessler & Hasslacher Chem Co., Antwerp.

ANTIMONY—249 pgs., Order, Antwerp; Regulus, 250 cs., Order, Hamburg; Sulfide, 18 cks., Order, London.

ARGOLS—237 sks., W R Grace & Co., Valparaiso; 31 cks., Royal Baking Powder Co., Naples; 24 cks., Royal Baking Powder Co., Naples.

BARKS—10 brls., Lo Curto & Funk, Trieste; 14 brls., Order, Trieste; Orange, 8 cks., J E De Redon, Genoa; Wattle, 1,200 hgs., Tannin Corp., Durban; 17 brls., Tannin Corp., Durban; 922 bgs., 3 bls., American Trdg Co., Durban.

BARYTES—900 bgs., E L Bullock & Sons, Hamburg.

BISMUTH METAL—11 cs., Merck & Co., London.

BLANC FIXE—43 brls., A Hurst & Co., Hamburg.

BONE MEAL—756 sks., Commissary Purch Agent, Cristobal.

CAMPHEOR—127 cs., G W Sheldon & Co., Hamburg; 180 brls., Order, Hamburg.

CASEIN—14 hgs., Karolith Corp., Bordeaux; 180 bgs., Order, Wellington; 33 cks., Order, Auckland; 250 bgs., British Bank of So America, London; 118 bgs., British Bk of So America, London.

CHALK—800 bgs., Brown Bros & Co., Antwerp; 1,000 bgs., Order, Antwerp; 500 tons, Taintor Trdg Co., London; Precipitated, 67 bgs., Panama Pacific Line, London.

CHEMICALS—100 bgs., A Klipstein & Co., Antwerp; 10 cs., Order, Antwerp; 150 bgs., 44 brls., Roessler & Hasslacher Chem Co., Bremen; 572 bgs., Brown Bros & Co., Glasgow; 8 cs., Amer Kreuger & Toll Corp., Hamburg; 3 cs., Pfaltz & Bauer, Hamburg; Compounds, 321 cs., Hoppel & McAvoy, Trieste; 5 cs., Order, London; 20 cs., Lo Curto & Funk, Hamburg.

CLAY—China, 20 hgs., Milton Snedeker Corp., Hamburg.

COAL TAR DISTILLATE—30 drs., Tar Aci Corp., Liverpool; 167 drs., Order, Liverpool.

COLORS—3 cylinders Sandoz Chem Works, Havre; 89 pgs., 20 cans, Ciba Co., Havre; 2 cs., F L Kraemer & Co., Bremen; 20 cs., Order, London; 9 kgs., Chem Nat Bank, London; 2 cs., B F Drakenfeld, Liverpool; 2 cks., Dyestuff Corp., Liverpool; 5 cks., General Dyestuff Corp., Hamburg; 161 pgs., 5 cans, Ciba Co., Havre; 13 brls., Carbic Color & Chem Co., Havre; 7 pgs., Geigy Co., Havre; 33 cylinders, Sandoz Chem Works, Havre; 8 cks., Brown Bros & Co., Southampton; 7 cs., L Uhlfelder & Co., Bremen; 4 cs., Martin & Bechtold, Bremen; 27 cs., B F Drakenfeld & Co., Bremen; 7 cs., L Uhlfelder & Co., Bremen; 5 cs., Order, Bremen; Earth, 100 hgs., Reichard Coulston Inc., Lehigh; 31 cks., L H Butcher & Co., Bremen; 45 cks., J Lee Smith Co., Bremen.

COPPER—Oxide, 15 cs., Order, London.

CRESOL—1 drum, Eli Lilly & Co., Liverpool.

CUTTLEFISH BONE—135 cs., 55 pgs., Order, Bordeaux; 25 straps, Brown Bros & Co., Trieste.

DIVI DIVI—646 bgs., R Desveraine, Pampatar; 735 bgs., Eggers & Heinlein, Pampatar.

DRAGONS BLOOD—11 cs., Order, Bombay.

DRUGS—10 cs., 4 bls., Meht & Daniel Corp., Hamburg.

EARTH—Stenna, 30 cks., J L Smith & Co., Lehigh.

EPSOM SALTS—500 bgs., Innis Speiden & Co., Hamburg.

ERGOT—Rye, 27 hgs., Order, Bremen.

ERYTHROL TETRANITRATE—1 csc., Burroughs Wellcome & Co., London.

EXTRACTS—Archil Liquor, 5 cks., W Ross & Bro., Liverpool; 20 cks., H Kohnstamm & Co., Liverpool; Logwood, 315 brls., Logwood Mfg Corp., Cape Haitien.

FERRIUM BENZOICUM—2 cs., J D Irwin & Co., Bremen.

FLOWERS—15 bls., Peek & Velsor, Ham-

burg; Arnica, 20 bls., McLaughlin Gormley & King, Hamburg; Chrysanthemum, 152 bls., Western Drug Imptg Co., Trieste; 56 bls., Order, Trieste; Insect, 10 bls., Brown Bros & Co., Trieste.

GELATINE—106 cks., J H Schroeder Bank Corp., Bremen; 185 bgs., Order, Hamburg.

GLUE—268 bgs., A F Rolosen, Liverpool; 400 bgs., W R Grace & Co., San Antonio; 36 bgs., Amer Hawaiian S S Co., London; 420 bgs., Order, Hamburg.

GUESTOCK—930 bgs., G N Naylor Inc., Liverpool.

GLYCERIN—18 drs., Core & Herbert, Genoa; 16 drs., Core & Herbert, St Nazaire; 79 drs., Procter & Gamble Co., St Nazaire; 65 cks., Order, Marseilles; 40 drs., Order, Genoa; 60 drs., Procter & Gamble, Havana.

GUMS—54 bgs., Order, Marseilles; 100 cs., Order, Marseilles; 350 bgs., Thurston & Braidich, Port Sudan; 250 bgs., Ellerman & Wilson, Antwerp; 150 bgs., Barclay Bk., Glasgow; 30 cks., Order, London; 87 cs., Order, Bombay; Arabic, 200 bgs., Nat Gum & Mica Co., Port Sudan; 100 bgs., Brown Bros & Co., Port Sudan; 50 bgs., Industrial Trust Co., Port Sudan; 250 bgs., Fidelity Intern Trust Co., Port Sudan; 200 bgs., J Munroe & Co., Port Sudan; 315 bgs., Nat Bank of Egypt, Port Sudan; 931 bgs., Order, Port Sudan; 100 cs., Order, Glasgow; 495 cs., Order, Bombay; 10 bgs., Order, Hamburg; Acetefida, 24 cs., Order, Bombay; Chicla, 150 bgs., N Y Trust Co., Ciudad Bolivar; Copal, 68 bkts., Sino Java Hvg., Macassar; 140 brls., Standard Bank of So Africa, Macassar; 340 bkts., 65 bgs., S Winterbourne, Macassar; 76 bkts., Mech & Metals Nat Bank, Macassar; 85 bkts., Order, Macassar; 4,149 bgs., L C Gillespie & Sons, Matadi; 521 bgs., Gillespie & Sons, Matadi; 380 bgs., Chatham & Phenix Nat Bank, Antwerp; 36 bgs., Brown Bros & Co., Antwerp; 64 bgs., Guaranty Trust Co., Singapore; 120 bgs., L C Gillespie & Sons, Singapore; 64 bgs., Capital Nat Bk., Singapore; Damar, 300 cs., Nat Bank of Commerce, Batavia; 100 cs., Nat City Bk., Batavia; 200 cs., Central Union Trust Co., Batavia; 100 cs., Nat Park Bank, Batavia; 100 cs., Order, Batavia; 500 cs., Mech & Metals Nat Bank, Padang; 263 bgs., Brown Bros & Co., Padang; 200 cs., Central Union Trust Co., Padang; 50 cs., Kidder Peabody Acceptance Corp., Padang; 50 cs., L C Gillespie & Sons, Singapore; 140 bgs., Brown Bros & Co., Singapore; 50 cs., Bank of America, Singapore; 50 bgs., G W S Patterson, Singapore; 50 cs., 128 bgs., Order, Singapore; Karaya, 330 bgs., Guaranty Trust Co., Glasgow; 1,392 bgs., Order, Bombay; 130 bgs., Brown Bros & Co., Bombay; Kauri, 17 cs., Chem Nat Bank, Auckland; 232 cs., J D Lewis, Auckland; 129 pgs., Brown Bros & Co., Auckland; 160 sks., 110 cs., A Klipstein & Co., Auckland; 54 cs., S Winterbourne, Auckland; 25 cs., G W S Patterson & Co., Auckland; 325 sks., United National Bank, Auckland; 513 cs., Order, Auckland; Myrrh, 14 brls., Order, Aden; Olibanum, 72 cs., Order, Bombay; Perillo, 332 bls., W Wrigley Jr Co., Pto Colombia; Shiraz, 913 bgs., Order, Bombay; Tragacanth, 5 cs., Bladinc, Antwerp; 193 bgs., Order, Bombay.

HERBS—200 bls., Order, Havre; 6 bls., Order, Genoa; 7 bls., W Benkert Co., Trieste.

HOPS—10 pkts., Globe Shpg Co., Liverpool; 5 bls., National City Bank, Trieste; 6 bls., S S Steiner, Hamburg.

IRON OXIDE—41 cks., R J Waddell & Co., Liverpool; 11 cks., L H Butcher Co., Liverpool; 15 cks., Reichard Coulston Inc., Liverpool; 38 cks., J A McNulty, Liverpool; 2 cks., C B Richard & Co., Liverpool; 20 cks., Order, Liverpool; 200 brls., C J Osborn & Co., Malaga; 100 brls., Scott Libby Corp., Malaga; 80 brls., Reichard Coulston Inc., Malaga; 80 brls., Stanley Doggett & Co., Malaga; 80 brls., J L Smith & Co., Malaga; 179 brls., Reichard Coulston Inc., Malaga; 10 brls., R W Greiff & Co., Malaga; 28 cks., L H Butcher Co., Malaga; 10 cks., J H Rhodes & Co., Liverpool; 29

cks., Order, Liverpool; 10 cks., J L Smith & Co., Liverpool; 37 cks., Reichard Coulston, Liverpool.

JUICE—Lemon, 80 brls., C Pfizer & Co., Palermo; 33 brls., Order, Palermo.

LEAVES—30 bls., Seck & Kade, Marseilles; Buchu, 10 bls., McKesson & Robbins, Cape-town; 5 bls., Royal Bank of Canada, Cape-town; 5 bls., Brown Bros & Co., Cape-town; Patchouli, 36 bls., Guaranty Trust Co., Belawan; Pelling, 2 bgs., Order, Trieste; Sage, 70 bls., W G Bell Co., Trieste; Sumac, 100 bls., Order, Palermo.

LIME—Chlorine, 22 cks., Wishnick-Tumpey Chem Co., Antwerp; Tartar, 305 bgs., C Pfizer & Co., Tarragona.

MAGNESITE—Pricks, 6 cs., Alumino Thermic Corp., Trieste; Tar, 55 bgs., Alumino Thermic Corp., Trieste.

MAGNESIUM CHLORIDE—244 drs., Diener Blank & Co., Hamburg.

MANNA—33 cs., Order, Palermo.

MEDICINALS—5 cs., Sydney Ross Co., Trinidad; 1,100 cs., L Gandolfi Co., Genoa.

MENTHOL CRYSTALS—5 cs., N Y Quinine & Chem Works, Southampton.

MERCURY—27 flasks, McKesson & Robbins, Vera Cruz; 40 flasks, Poillon & Poirier, Vera Cruz; 200 bottles, Lo Curto & Funk, Alicante.

MYROBALANS—8,601 pkts., Nat City Bank, Calcutta; 3,360 bgs., Baring Bros & Co., Calcutta; 9,990 bgs., Order, Bombay.

OCHE—84 cks., A Northridge, Marseilles; 424 cks., Reichard Coulston, Marseilles; 236 cks., J Lee Smith & Co., Marseilles; 50 cks., F B Vanegriff & Co., Marseilles; 50 cks., Grace Nat Bank, Marseilles; 469 cks., Order, Marseilles; 25 bls., C J Osborn & Co., Malaga.

OILS—Coconut, 976 tons, Procter & Gamble Co., Manila; 688 tons, Philippine Ref Co., Manila; quantity, Spencer Kellogg & Sons, Manila; Cod, 44 cks., R Badocek & Co., St Johns; 65 brls., Bowring & Co., St Johns; Codliver, 30 brls., E R Smith & Sons, St Johns; 110 brls., Park Davis & Co., St Johns; 10 brls., L C Dever, Bremen.

OLIVE, 250 cs., F Romeo & Co., Malaga; 100 brls., Lehigh Trdg Co., Malaga; 139 cs., F H Leghorn & Co., Malaga; 102 cs., J Solari & Co., Genoa; 100 cs., A Vioi & Co., Genoa; 433 cs., F Argento & Co., Genoa; 150 cs., C Ferrara, Genoa; 250 cs., V Viviano & Bros, Genoa; 801 cs., K C Williams & Co., Genoa; 100 cs., B Bendin Leghorn; 100 cs., Molinello Gramina & Rio, Lehigh; 500 cs., T Pitonone, Leghorn; 1,955 cs., J P Smith & Co., Marseilles; 875 cs., Briones & Co., Malaga; 110 cs., J Garneau & Co., Marseilles; 195 cs., Meyer & Lange, Marseilles; 100 cs., A Massari, Barcelona; Palm, 90 brls., Brown Bros & Co., Liverpool; 336 cks., African & Eastern Trdg Corp., Port Harcourt; 118 cks., Order, Port Harcourt; 59 cks., W & A Leaman, Calabar; 80 cks., Irving Bank, Columbia Trust Co., Calabar; 341 cks., Niger Co., Lagos; 75 cks., African Oil Nut Co., Lagos; 79 cks., J Walkden & Co., Lagos; 1,149 tons, J Bibby, Liverpool; 1,316 drs., Niger Co., Matadi; 6 demijohns, Bull West African Line, Matadi; 1,432 drs., Order, Matadi; 54 drs., The Nile Corp., Cotonou; 233 cks., Niger Co., Cotonou; 43 cks., J Walkden & Co., Lagos; 32 cks., J Walkden & Co., Lagos; 203 drs., Niger Co., Lagos; 81 cks., W & A Leaman, Lagos; 40 cks., Oliviant & Co., Osho; 300 cks., African & Eastern Trdg Corp., Osho; 152 cks., W & A Leaman, Osho; 10 cs., Fischel Hollinshead & Co., London; 8 cks., J B Williams & Co., Liverpool; Seal, 1 tin, R Badocek & Co., St Johns; Sulfur, 100 brls., Chem Nat Bank, Malaga; 200 brls., Lehigh Trdg Co., Malaga; 250 brls., N Y Trust Co., Bari; 715 brls., Lehigh Trdg Co., Bari; 2 tanks, Palmolive Co., Bari; 400 pgs., Lehigh Trdg Co., Milazzo; Whale, 27,706 brls., Procter & Gamble, Cristobal.

OTLS—Essential, 5 drs., Anglo So American Trust Co., Alicante; 3 cks., Lo Curto & Funk, Grasse; 5 cks., Antoine Chiris Co., Grasse; 1 drum, A E Rittwagen, Malaga; 12 cs., Magnus Mahee & Reynard, Mes-

sina; 200 cs., A A Stilwell & Co., Messina; 451 cs., Order, Messina; 7 cs., Brown Bros & Co., London; 9 cs., Lehn & Fink, London; 41 cs., Fritzsche Bros., Hamburg; **Almond**, 26 cs., Order, Marseilles; 1 drum, Order, Malaga; **Bergamot**, 50 cs., G Lueders & Co., Messina; **Camphor**, 4 drs., Fritzsche Bros., Hamburg; **Citronella**, 4 drs., J Manheimer, Colombo; 4 drs., Order, Colombo; 6 drs., Nat Bank of Commerce, Batavia; 6 drs., Brown Bros & Co., Colombo; 8 drs., Order, Colombo; 20 drs., Catz Amer Corp., Order, Colombo; **Geranium**, 5 cks., Norsa Essential Oil Co., Grasse; 4 cks., Ungerer & Co., Algiers; **Lemon**, 149 cs., G Lueders & Co., Messina; 20 cs., Scambrie & Latelli, Messina; 40 cs., Order, Messina; 21 cs., Amer Exp Co., Palermo; 150 cs., Order, Palermo; **Linaloe**, 1 cse., J M Garcia, Vera Cruz; **Rosewood**, 1 drum, E H Coupey Friz, St Nazaire; **Sage**, 2 cs., Brown Bros & Co., Trieste; **Thyme**, 1 br., Order, Barcelona
OSSEINE—500 bgs., Order, Marseilles
PALMYRA STALKS—140 bls., Volkart Bros., Coconada; 200 bls., Order, Coconada
PHARMACEUTICAL PRODUCTS—3 cases, Fraisse Laboratories, Havre; 6 cs., G J Wallau, Havre; 5 cs., E Fougere & Co., Havre
PHENANTHRENE POWDER—1 keg, W H Van Wickel, Manchester
POTASSIUM SALTS—Caustic, 86 drs., Innis Speiden & Co., Hamburg; **Muriate**, 1,250 bgs., Potash Impgt Corp of America, Hamburg; **Nitrate**, 500 bgs., G W Sheldon & Co., Antwerp; **Prussiate**, 18 cks., Order, Hamburg; **Sulfate**, 50 brls., Potash Impgt Corp of America, Bremerhaven
ROOTS—8 bgs., Order, Valencia; 12 bls., Order, Trieste; 8 bgs., 5 bls., Peek & Velsor, Hamburg; **Arrow**, 15 cs., J P Smith & Co., London; **Bardane**, 18 bls., Banque Belge Pour l'Etranger, Antwerp; **Belladonna**, 36 bls., Order, Trieste; **Broom**, 20 bls., F S Smith & Son, Vera Cruz; **Ipecac**, 8 bgs., Colombia America Corp., Cartagena; 4 bls., Ultramarines Corp., Cartagena
ROSIN—42 cks., Order, Bordeaux; 119 cks., N Y Trust Co., Bordeaux; 250 cks., Order, Bordeaux
SAFFRON—3 bgs., Order, Valencia; 2 cs., R Browning & Co., Alicante; 1 cse., Brown Bros & Co., Alicante; 1 cse., Order, Alicante
SALT—1,120 bgs., W A Hazard, Liverpool
SALTPETRE—100 kegs, Lo Curto & Funk, Hamburg
SEED—100 bls., Armand Gaidan Freres, Bordeaux; **Anise**, 50 bgs., Order, Malaga; **Cardamom**, 12 cs., Lo Curto & Funk, London; 4 cs., Order, London; 164 cs., Order, Bombay; **Castor**, 16,244 bgs., Volkart Bros., Coconada; 713 bgs., Volkart Bros., Bombay; 16,704 bgs., Order, Bombay; **Flax**, 45,263 bgs., L Dreyfus & Co., Buenos Aires; 23,776 bgs., Order, Buenos Aires; 42,035 bgs., Spencer Kellogg & Sons, Rosario; **Mustard**, 600 bgs., R F Downing & Co., London; 1,024 bgs., Amtorg Trdg Corp., London; 100 bgs., C Gulden, Bari; **Sesame**, 300 bgs., A W Olsen & Co., Shanghai; **Poppy**, 267 bgs., Order, Bombay
SELEN—10 cs., C B Richard & Co., Hamburg
SENNA PODS—6 bls., Order, Colombo
SHELLAC—200 bgs., British Bank of So America, Calcutta; 100 bgs., Goldman Sachs & Co., Calcutta; 150 bgs., Nat City Bank, Calcutta; 550 bgs., 185 cs., Intern Banking Corp., Calcutta; 1,083 bgs., 50 chests, Order, Calcutta; 100 bgs., Order, Bremen; 125 bgs., Ralli Bros., London; 175 bgs., Ralli Bros., Hamburg; **Button Lac**, 10 bgs., Intern Banking Corp., Calcutta; **Garnet Lac**, 50 bgs., Kasebier Chatfield Shellac Co., Hamburg; 10 cs., Order, Hamburg; **Seedlac**, 295 bgs., Order, Calcutta
SOAP—100 cs., H J Kehoe, Marseilles; 100 cs., Order, Marseilles; 57 cs., Ionian Bank, Salonica; 27 cs., Lekas & Drivas, Salonica
SODIUM SALTS—10 cs., C B Richard & Co., Hamburg; **Hydrosulfate**, 15 kegs, Yardley & Co., Liverpool; **Nitrate**, 12 drs., Anglo Chilean Consolidated Nitrate Corp., Tocopilla; 9,896 bgs., W R Grace & Co., Iquique; 1,015 bgs., Kuttroff Pickhardt & Co., Hamburg; **Phosphate**, 201 cks., Innis Speiden & Co., Antwerp; **Prussiate**, 19 cks., Order, Hamburg
SPONGES—61 bls., J H Rhodes & Co., Nassau; 19 bls., Amer Sponge & Chamois Co., Nassau; 100 bls., Order, Nassau; 38 bgs., American Sponge & Chamois Co., Turks Island; **Refuse**, 6 bls., American Sponge & Chamois Co., Nassau
SUMAC—700 bgs., Order, Palermo

TALC—10 cks., Kirschberger & Co., Bordeaux; 300 bgs., Whittaker Clark & Daniels, Bordeaux; 1,100 bgs., Hammill & Gillespie, Bordeaux; 650 bgs., Salomon & Bros., Bordeaux; 1,306 bgs., C B Chrystal & Co., Bordeaux; 215 bgs., E M & F Waldo, Bordeaux; 500 bgs., Coty Inc., Genoa; 250 bgs., Nat City Bank, Genoa; 1,000 bgs., Ital Discount & Trust Co., Genoa; 200 bgs., L C Dever, Genoa
TAPIOCA—240 bgs., Nat City Bank, Sourabaya; **Flour**, 660 bgs., Order, Batavia; 8,036 bgs., Nat City Bank, Sourabaya; 550 bgs., Order, Antwerp; 2,018 bgs., Intern Banking Corp., Batavia; 271 bgs., Handel My Kion Gwan, Sourabaya; 271 bgs., Order, Sourabaya; **Pearl**, 172 bgs., A Brown & Son, Batavia; 53 bgs., Order, Batavia; 1,771 bgs., Nat City Bank, Sourabaya; 205 bgs., Order, Penang
TARTAR—526 bgs., C Pfizer & Co., Valencia; 205 bgs., Royal Baking Powder Co., Marseilles; 321 bgs., C Pfizer & Co., Marseilles; 226 bgs., C Pfizer & Co., Marseilles; 200 bgs., C Pfizer & Co., Bordeaux; 200 bgs., Tartar Chem Works, Bordeaux; 50 bgs., Ital Discount & Trust Co., Messina
TEA WASTE—1,065 bgs., Maywood Chemical Works, Calcutta
UMBER—50 cks., L H Butcher & Co., Manchester
VANILLA BEANS—42 cs., Nat Bank of Commerce, Marseilles; 11 cs., Thurston & Braudich, Marseilles; 11 cs., Order, Marseilles; 80 cs., G Lueders & Co., Havre; 43 cs., Antoine Chris Co., Havre
WAX—113 bgs., Strahl & Pitch, Antwerp; **Bees**, 12 cs., 1 bale, Ellerman & Wilson, Antwerp; 22 bgs., Guaranty Trust Co., Valparaiso; 95 cks., Order, Valparaiso; 16 bgs., J J Julia & Co., Santo Domingo City; 3 seroons, W Schall & Co., Puerto Plata; 5 bgs., Porcello Vicini & Co., Monti Cristil; 10 bgs., Thomas Norton & Co., Santos; **Carnauba**, 184 bgs., Order, Bahia; **Mineral**, 30 bgs., Schliemann Co., Hamburg; **Paraffine**, 420 bgs., Asiatic Petroleum Co., Balikpapan
WOOD TAR—1,150 brls., Order, Danzig
WOOD GREASE—58 brls., Nat City Bank, Bremer
ZINC—Resinate, 20 cs., Order, London

IMPORTS AT BALTIMORE
April 17 to 22 inclusive
BONE FLOUR—1,636 bags, 330,046 lbs., Ore and Chemical Corp., New York, Sac City, Rotterdam
BONE MEAL—200 bags, 40,128 lbs., F H Shallus Co., Lorain, Hamburg
CHALK—500 bags, 126,000 lbs., Cooper & Cooper, Inc., Sac City, Antwerp
CHEMICALS—500 bags, Roessler & Hasslacher Chemical Co., New York, Holstein, Bremen
CLAY BALL—296 tons, John Richardson Co., Westlea, Fowey; **China**, 486 tons, John W Higman Co., Inc., Westlea, Fowey; 532 tons, Atlantic National Bank, Westlea, Fowey; 71,120 lbs., John Richardson Co., Westlea, Fowey; 1,017 tons, John B Mors & Co., Westlea, Fowey; 3,612 tons, Paper Makers' Import Co., Westlea, Fowey; 451 tons, Paper Makers' Importing Corp., Westlea, Fowey; **Cornwell Store**, 498 tons, Paper Makers' Import Co., Westlea, Fowey
FULLER'S EARTH—250 bags, L A Salomon & Bro., Napierian, London
GYPNUM—105 casks, Order, Holstein, Bremen
ORE—Iron, 11,100 tons, Bethlehem Steel Corp., Santore, Daquiri; 19,800 tons, Bethlehem Steel Corp., Bethore, Cruz Grande; **Manganese**, 2,000 tons, Carnegie Steel Co., Elveric, Calcutta; 9,237 tons, Bethlehem Steel Corp., Vincenzo Florio, Poti; 6,280 tons, United States Steel Products Co., Dovenby Hall, Rio de Janeiro; 8,166 tons, Bethlehem Steel Corp., Monte Santo, Poti
POTASH—140 casks, 83,631 lbs., Parsons & Petit Inc., New York, Lorain, Hamburg; **Carbonate**, 100 casks, 49,430 lbs., Parsons & Petit, Inc., Lorain, Hamburg; **Caustic**, 90 drums, 50,406 lbs., F H Shallus Co., Lorain, Hamburg; 193 drums, 57,600 lbs., F H Shallus Co., Lorain, Hamburg; **Kainit**, 400,517 lbs., Pot Impgt Corp., Lorain, Hamburg; 199,575 lbs., F H Shallus Co., Lorain, Hamburg; 199,608 lbs., Potash Impgt Corp., Lorain, Hamburg; 500 bags, 100,474 lbs., F H Shallus Co., Lorain, Hamburg; 200 bags, 40,190 lbs., Potash Importing Corp., Lorain, Hamburg; 200 bags, 50,247 lbs., F H Shallus Co., Lorain, Hamburg; 500 bags, 100,474 lbs.,

Potash Importing Corp., Lorain, Hamburg; 9,500 bags, 2,609,480 lbs., Potash Importing Corp., Lorain, Hamburg
PYRITES—9,829,248 lbs., F S Royster Guano Co., Mombassa, Huvela
PYRIDINE, 14 drums, 14,461 lbs., H E Rosenthal, Sac City, Rotterdam
SALT—300 bags, 58,938 lbs., William H Masson, Lorain, Hamburg
SODIUM SELENITE—3 cases, 255 lbs., Baltimore Copper Smelting & Rolling Company, Lorain, Hamburg
ULTRAMARINE BLUE—10 bbls., 2,446 lbs., William H Masson, Sac City, Antwerp
WOOL GREASE—100 bbls., 45,852 lbs., Samuel Shapir & Co., Sac City, Antwerp; 100 bbls., 45,806 lbs., Samuel Shapir & Co., Lorain, Hamburg

IMPORTS AT NEW ORLEANS

April 16 to 23

BAUXITE—2,227 tons, Republic Mining Co., Georgetown
BORAX—3 tons, Order, Pacific Coast
FULLER'S EARTH—5,200 sacks, Order, London
FERRO-MANGANESE—6 cs., Order, Hull; 2,000 tons, Order, Scandinavia
GUM CHICLE—707 bales, Wm Wrigley & Co., Comzumel
MOLASSES—760,000 gallons, American Sugar Refining Co., Port Tarafa; 630,000 gallons, Kentucky Alcohol Co., Sagua; 1,300,000 gallons, Cuba Distilling Co., Nuevitas
SALT—500 sacks, Order, Liverpool
SPIEGELEISEN—505 tons, Order, London
VANILLA—8 cases, W T Rawleigh, Vera Cruz

IMPORTS AT SAN FRANCISCO

April 10 to 17

ACID—30 bgs., Order, Rotterdam
ANTIMONY—Regulus, 250 cases, H M Newhall & Co., Bankov
CHEMICALS—25 casks, Order, Rotterdam
CLAY—322 bags, Order, Antwerp
COPAL—147 bags, Order, London
GLUE—155 bags, L H Butcher & Co., London
OCHRE—45 cases, L H Butcher & Co., Bordeaux
OILS—Coconut, 627,132 lbs., Order, Manila; **Cod**, 100 bbls., Order, Rotterdam; 25 bbls., Raymond Co., Rotterdam; **Wood**, 649,555 lbs., Wells Fargo Nevada National Bank, Hankow; 650,000 lbs., International Banking Agency, Hankow
SODIUM—Nitrate, 9,546 bags, Wessel, Duval & Co., Iquique; 30,331 bags, Balfour, Guthrie & Co., Iquique
SPICES—Cinnamon, 150 bales, S Hecht & Co., Colombo; **Pepper**, 500 packages, Catz American Co., Batavia
TARTAR—423 bags, American Cream Tartar Co., Bordeaux
COPRA—1,500 tons, American Bank, Singapore; 1,165,000 lbs., Atkins, Kroll & Co., Batavia

IMPORTS AT PHILADELPHIA

April 14 to 21

ARSEFNIC—100 cases, Chase Nat Bank, Hamburg
BARIUM—Carbonate, 500 bags, Order, Hamburg
BAUXITE RESINUF—321,125 kilos, Frank, 4th St Nat Bank, Hamburg
BEESWAX—100 cases, Ithila Girard Nat Bk., Hamburg
BELLADONNA—Leaves, 10 bags, Order, Trieste; **Roots**, 44 bags, Order, Trieste
BONE MEAL—833 bags, Order, Hamburg
BUTTON LAC—133 bags, Order, Calcutta
CARDAMOMS—25 cases, Order, London
CHALK—Crude, 500 tons, Brown Bros Co., London; **Bloch**, 500 tons, Brown Bros Co., London
CHEMICALS—46 cases, Order, Hamburg; 5 casks, Order, Hamburg
CHROME ORE—1,200 tons, E J Lavino Co., Beira; 1,328 tons, Cuban Industrial Ore Co., Nuevitas
CLAY—120 tons, Moore & Munger, Bristol; 200 tons, Hammill & Gillespie, Bristol; 1,147 tons, Moore & Munger, Bristol; **China**, 362 tons, Order, Bristol
FISH BONES—12 bbls., Order, Bordeaux
FLUORSPAR—4,000 bbls., Order, Delagoa Bay; 200,000 kilos, Order, Bremen; 200,000 kilos, Order, Bremen
GLYCERINE—22 cys., Order, Havre; 30 cks., Order, Havre; **Crude**, 50 drms., Order, Dunkirk

LICORICE ROOT—18,852 bales, Mac Andrews & Forbes Co., Busch
MAGNESITE—66,230 bags, Harbison-Walker Refractories Co., Trieste; 1 drum, Order, Trieste
MYROBALANS—Crushed, 480 pockets, Stand Bk of So Africa, Calcutta
OLIVE OIL—75 cases, Order, Genoa; 100 cases, Order, Leghorn; 5 cases, Am Exp Co., Palermo; 16 cases, Antonic Arani, Palermo
POTASH—1,000 bags, Order, Bremen
POTASH—Caustic, 107 crms., Order, London; 60 drums, Order, Hamburg
RED EARTH—50 cases, Order, Bristol
SEEDS—38 bags, Mellvaine Bros., Inc., Bremen; 20 bags, Order, Hamburg
SHELLAC—736 bags, Order, Calcutta; 50 bgs., Balli Bros., Bremen
SODIUM—Nitrate, 7,637½ tons, E J duPont

de Nemours & Co., Iquique; Fluoride, 42 bbls., Order, Hamburg
SUMAC—Ground, 350 bags, Order, Palermo; 550 bags, Order, Palermo
TAPIOCA FLOUR—550 bgs, Perkins Glue Co., Batavia
TARTAR—82 sacks, Order, Bordeaux
VANILLA—2 cases, Order, Bordeaux

IMPORTS AT BOSTON

April 17 to 24

ACID—Formic, 168 demijohns, A Klipstein Co., Hamburg; Tartaric, 100 cks., S J Jackson, Rotterdam
BUTYROLAC—50 bags, Order, Calcutta
CASEIN—1,251 bags, First National Bank, Buenos Aires; 918 bags, Brown Bros., Buenos Aires
DEXTRINE—1 case, Order, Bremen

EXTRACT—Quebracho, 2,018 lbs, Bank of Montreal, Buenos Aires
GAMBIER—215 bgs, Order, Singapore
CLAUBER SALTS—250 bags, Etewer & Co., Rotterdam
IRON—Oxide, 25 cks., L H Butcher & Co., Liverpool
OIL—Palm, 28 cks., African & Eastern Trading Co., Hamburg; 15 cks., A Klipstein Co., Bremen; 409 cks., Maynard & Child, Liverpool
POTASH—15 cks., A Klipstein Co., Bremen
SHELLAC—16 bgs., Order, Calcutta
SAL AMMONIAC—17 bbls., 17 bbls., R & H Chemical Co., Antwerp; 14 cks., Hans Henrichs Chem Co., Rotterdam
WOOL GREASE—700 bbls., Brown Bros., Bremen; 309 bbls., F L Young, Liverpool
ZINC—Oxide, 70 bbls., Philipp Bros., Antwerp

KIMBERLY TO HEAD CHEMICAL EXHIBIT
 (Special to Drug & Chemical Markets)

A commercial exhibit illustrating the developments in American chemical industry by representative chemical concerns will be one of the features of the Fiftieth Anniversary of the American Chemical Society to be celebrated in Philadelphia next September. The proposed exhibit was approved by the American Chemical Society at its recent meeting in Tulsa. Major Harry S. Kimberly was chosen to organize and supervise the undertaking.

Judging by the interest already shown in the Fiftieth Anniversary of the founding of the American Chemical Society, it will be the largest and most enthusiastic meeting the Society has ever held. Chemists from many of the European and South American countries will participate in what is expected to be the largest gathering of chemists ever held on the American continent.

The exhibit will be held in the gymnasium of the University of Pennsylvania, which is one of the group of buildings in which the Society will hold its meetings.

Major Kimberly can be reached by addressing him in care of the American Chemical Society, Mills Building, Washington, D. C.

BOSTON CHEMICAL MARKET IMPROVES
 (Special to Drug & Chemical Markets)

Boston, Mass., April 20—The leading cotton manufacturers of the country, who gathered in Boston last week for the semi-annual meeting of the National Association of Cotton Manufacturers, expressed the belief that the worst is over in the business depression that has prevailed for some time past and nearly all believe that business will gradually, but nevertheless surely, show expansion. In the chemical buying of the week bichromate of soda has been prominent. Buying of the dyestuffs does not manifest improved business quite so definitely but there has been an improved demand for logwood and fustic extract. Tanning materials are now the slowest of all and the only materials for which prices are not firm.

Swan-Myers Co., 219 North Senate st., Indianapolis, Ind., manufacturer of drugs, chemicals, etc., has asked bids for the construction of its proposed one-story and basement plant, 69 by 130 ft., to cost about \$150,000. Contract recently let has been rescinded. A considerable portion of the new building will be used for laboratory service.

Martin-Senour Co., 2520 Quarry st., Chicago, Ill., manufacturer of paints, varnishes etc., has acquired a building 75 by 100 ft., at Houston, Tex., and will soon install machinery for a new branch plant. The construction of an addition is said to be under advisement. The initial project is said to cost about \$70,000.

MONTREAL SECTION S. C. I. MEETING
 (Special to Drug & Chemical Markets)

Montreal, April 27—The Montreal Section of the Society of Chemical Industry held its annual meeting April 19 in the Queen's Hotel. The retiring president, Prof. P. P. LeCointe, in reviewing the year's work, announced that it had been one of the most successful in the history of the Society. A very satisfactory year was also indicated by the reports of the various committees. Two papers were read, Morris Katz, a student at McGill University, Montreal, being awarded the \$50 bursary provided by the Society for his essay on "The Outline of Flour Manufacture and Testing of Mill Products." The other paper was by E. Parke-Cameron, of the Forest Products Laboratory of Canada, on "Notes on the Control Testing of Wood and Pulp." H. J. Roast, who is in charge of publicity for the chemical convention to be held in Montreal May 31 to June 30, gave it as his opinion that this would be one of the largest and most successful gatherings of its kind ever held in Canada. The bodies taking part in this convention are the Society of Chemical Industry, Canadian Institute of Chemistry, and the technical section of the Canadian Pulp and Paper Association. The following officers were elected: President, A. G. Fleming, chief chemist for the Canada Cement Co.; secretary-treasurer, J. R. Macaulay; executive council, A. Briant, M. C. C. McFee, A. A. Mellor, Dr. J. F. Snell, A. Valin, and Dr. Whitby. M. C. C. McFee, retiring secretary, was presented with a set of dress studs as a mark of appreciation for his work of the past year.

U. S. DELEGATES TO NITROGEN CONFERENCE

The United States is being informally represented at the joint conference of the British Sulphate of Ammonia Federation and the German Nitrogen Syndicate in Biarritz, France, April 28 and 29. Dr. F. G. Cottrell, Director of the Fixed Nitrogen Laboratory of the Department of Agriculture, and Dr. Russell A. Oakley will attend the conference and informally represent the United States.

The Department has cabled the American Ambassador in Berlin as follows:

"If agreeable to the German Nitrogen Syndicate and the British Sulphate of Ammonia Federation, Dr. F. G. Cottrell, Director of the Fixed Nitrogen Laboratory of the Department of Agriculture, and Dr. Russell A. Oakley will attend the Biarritz conference, April 28-29, and informally represent the Department of Agriculture."

McCahan Sugar Refining & Molasses Co., Front and Chestnut sts., Philadelphia, Pa., has plans for the construction of a new one-story addition to its plant, 75 by 135 ft., to cost about \$80,000.

Drug & Chemical Patents

Granted April 20, 1926

- 1,581,111—Anthracene dye and a process of making. Robert J. Goodrich, South Milwaukee, Wis., assignor to the Newport Co., Milwaukee, Wis.
- 1,581,115—Preparation of sterilizing agents, germicides, and the like. Charles H. H. Harold, Aldershot, England, assignor to United Water Softeners Ltd., London, England.
- 1,581,179—Antifreezing solution. Edwin H. Crofoot, Mason City, Iowa, assignor to Larowe Construction Co., Detroit, Mich.
- 1,581,188—Process of electrodepositing chromium and of preparing baths therefor. Colin G. Fink, assignor to Chemical Treatment Co., Inc., New York, N. Y.
- 1,581,205—Process of preventing the persistence of chain formations in an electrical dehydrator for oil emulsions. Ford W. Harris, assignor to Petroleum Rectifying Co. of California, Los Angeles, Cal.
- 1,581,224—Tanning and the manufacture of tanning materials. James Alexander Shepherd Morrison, Grappenhall, England.
- 1,581,250—Combined toothbrush, toothpaste, and glass holder. Frederick G. Treubig, Ozone Park, N. Y.
- 1,581,421—Cleaner and paint remover. Anton N. Beebe, assignor to Jay Todd and Verne J. Todd, both of Seattle, Wash.
- 1,581,258—Purification of alpha-nitro-naphthalene. Harold F. Whitaker, Carney's Point, N. J., and Walter Wollaston, Wilmington, Del., assignors to E. I. du Pont de Nemours & Co., Wilmington, Del.
- 1,581,317—Cuticle remover. Ralph Kirkman, Brooklyn, N. Y.
- 1,581,322—Method of and apparatus for applying color. Frederic P. Reed, East Orange, N. Y., assignor American Multitone Papers Corp., Waterford, N. Y.
- 1,581,340—Manufacture of vaccines. Lucien Goldenberg, Paris, France.
- 1,581,357—Ammonia distillation. John S. Unger, Chicago, Ill.
- 1,581,370—Process of manufacturing lubricating oils. James W. Weir, Filmore, Calif.
- 1,581,371—Gas and oil separator—Edwin C. Weisgerber, Long Beach, Calif.
- 1,581,397—Process and attachment for the combustion, the reduction, or the treatment of solid material or of pulverized minerals. Xavier de Spirlet, Brussels, Belgium.
- 1,581,401—Method and means for hermetically sealing containers. Max Mueller, Newark, N. J., assignor to Cello Products Inc., New York, N. Y.
- 1,581,413—Paint and varnish removing composition—Raymond M. Yoakam, Lima, O.
- 1,581,421—Cleaner and paint remover. Anton N. Beebe, assignor to Jay Todd and Verne J. Todd, both of Seattle, Wash.
- 1,581,436—Process of producing commercial hydrochloric acid. Hugh A. Galt, Akron, O., assignor to Pittsburgh Plate Glass Co.
- 1,581,502—Apparatus for rinsing and sterilizing containers. Kirk E. Wright, assignor to R. G. Wright & Co., Buffalo, New York.
- 1,581,528—Bottle washing machine. Axel Andersson, Lund, Sweden.
- 1,581,572—Acid azo dyestuffs for wool containing chromium and process for the manufacture of the same. Hermann Fritzsohe, Hans Gubler, and Fritz Straub, Basle, Switzerland, assignors to The Society of Chemical Industry in Basle, Switzerland.
- 1,581,619—Asbestos paper, etc. Nathan Sulzberger, New York, N. Y.
- 1,581,621—Production of amide acid sulphates from nitriles. Ralf B. Trusler, Pittsburgh, Pa., assignor to the Roessler & Hasslacher Chemical Co., New York, N. Y.
- 1,581,638—Black vat dyestuff composition. Richard Just, Ludwigshafen-on-the-Rhine, Karl Wilke, Hochst-on-the-Main, and Paul Nawiasch, Ludwigshafen-on-the-Rhine, Germany, assignor to Badische Anilin- & Soda-Fabrik, Ludwigshafen-on-the-Rhine, Germany.
- 1,581,641—Oxidation of ethyl alcohol to acetaldehyde—Erich Krause, Constance, Germany, assignor, by mesne assignments, to the Roessler & Hasslacher Chemical Co., New York, N. Y.
- 1,581,663—Process for the manufacture of sugar. Herman Schreiber, Lansing, Mich.
- 1,581,671—Production of pulp and other products from wood. Linn Bradley, Montclair, N. J., and Edward P. McKeefe, New York, N. Y.
- 1,581,698—Process for making metallic chromium. William E. S. Strong and Charles E. Parsons, New York, N. Y., and Samuel Peacock, Wheeling, W. Va., assignors to Metal Research Corp., New York, N. Y.
- 1,581,711—Toothbrush holder. Roman Winograd and Samuel Shakin, New York, N. Y.
- 1,581,732—Paint and process of applying the same. Aaron M. Hageman, Bloomfield, and Edward R. Schmid, Verona, N. J., assignors to Westinghouse Lamp Co.
- 1,581,801—Cleaning composition—Charles T. Henshall and Leslie I. Coggins, San Francisco, Calif.
- 1,581,804—Lubricant. Jess D. Kimmell and Ralph J. McMahon, Dayton, Ohio.
- 1,581,825—Germicidal composition. Fred Anderson, Vallejo, Calif., assignor to Frank H. Goulette, Manila, P. I.
- 1,581,836—Arsenical albumen compound and method of making the same. Oscar Bally, Basle, Switzerland, assignor to the firm Haco-Gesellschaft A.-G. Bern, Switzerland.
- 1,581,871—French drip percolator. Lloyd S. Roberts, Hamilton, Mont.
- 1,581,895—Apparatus for cracking hydrocarbons. Frank E. Wellman, assignor to the Kansas City Gasoline Co., Kansas City, Kan.
- 1,581,902—Polyhydric alcohol-organic acid resinous condensation products. James E. Wright, Alplaus, N. Y., assignor to General Electric Co.
- 1,581,903—Ice cream container filling machine. Wilbur L. Wright, assignor to Oswego Falls Corp., Fulton, N. Y.
- 1,581,941—Production of compressed gases by electrolysis. Paul Hausmeister, Goppingen, Germany.
- 1,581,946—Composition to assist in dyeing and finishing operations. Seymour M. Hermann, New York, N. Y.

Hance Bros. & White's factory at Callowhill & Marshall sts., Philadelphia, was damaged by fire recently. The actual extent of the damage has not yet been determined.

Hawaiian Starch Company has commenced operations at Waimea, T. H., inaugurating a new industry in the Islands. The mill at Waimea does the rough grinding of canna, from which the starch is made, and the refining takes place at a plant at Hilo. The capacity of the plant is four tons of laundry starch daily.

One of the major projects of the San Francisco Chamber of Commerce for a number of years, that of securing a free zone for foreign trade for that port, appears to be nearing consummation, a bill making this possible having been reported out of the commerce committee at Washington. The establishment of a free zone would enable the city to set aside an area in which merchandise could be brought from foreign countries, manifested, repacked and reshipped without customs supervision. The California State Harbor Commission has agreed to provide docks, warehouses and terminal facilities to handle the increased business.

BUREAU SEEKS SYNTHETIC RUBBER

Possible means of supplementing the natural supply of rubber may be developed from a new series of investigations undertaken by the Bureau of Standards of the Department of Commerce, which announced in its technical news bulletin issued April 17 that its studies will include such problems as the improvement of the quality of reclaimed rubber, the possibilities of synthetic rubber or rubber-like substances and other subjects.

For the present, it is stated, it is proposed to investigate the value of water dispersions as a means of reclaiming the quality of reclaimed rubbers of rubber-like materials.

The Boston Blacking Co., of East Cambridge, Mass., shows a profit and loss account of \$985,493 as of Dec. 31, last. Assets include merchandise \$311,042, cash \$171,874, accounts receivable \$169,749, securities \$13,410, notes receivable \$45,307. Accounts payable were \$20,413. Company is capitalized at \$600,000.

Edgar W. Rice, who has been with the National Sugar Refining Co. for 16 years, is now chief chemist, succeeding Mr. Horne.

FLEXIBLE PROVISION IS CONSTITUTIONAL

Decision Claims That Foreign Commerce is Not a Natural Right—May Not Be Wise or Just Policy to Exclude Foreign Goods, But Congress Has the Right

United States Tariff Commission has made public the text of the decision rendered by the Board of General Appraisers at New York on the protest of J. W. Hampton, Jr., in which it was claimed that the flexible provision of the law was unconstitutional. The Board rejected the protest. The general opinion of the Board and General Appraiser Sullivan's opinion defended the action of President Coolidge in increasing the duty on barium dioxide under the flexible section, which was held not to be an illegal delegation of legislative powers by Congress.

Extracts from the decision follow: "To deal in foreign commerce is not a natural right. All commerce may be excluded, and yet not a constitutional right invaded. This fact was first enunciated by Thomas Jefferson in his letters to the American ministers at London and Paris, while he was Secretary of State. Therefore, when we seek to levy a duty upon that which comes into the country, in a legislative way, there can not be a complaint.

"Congress possesses ample and complete power over foreign commerce, and may, in the exercise of the right thus conferred; place such tax upon the introduction of foreign commerce as to practically prohibit its entrance. That is a political question, and not judicial. With the policy of such an enactment the courts are not interested. The question the court must pass on is whether or not, in the exercise of this right, it has done so within the power granted to it by the Constitution of the United States.

"It is claimed the difference between the cost of production of the domestic article and a like one in the foreign country can not be determined with accuracy; that so many factors enter therein as to the same article produced in different parts of the same country, as to preclude a finding that is just and fair.

"It must be kept constantly in mind that the Congress of the United States declared in its passage of Section 315:

"That in order to regulate the foreign commerce of the United States and to put into force and effect the policy of the Congress by this act intended, whenever the President, upon investigation of the differences in costs of production of articles wholly or in part the growth or product of the United States and of like or similar articles wholly or in part the growth or product of competing foreign countries, shall find it thereby shown that the duties fixed in this act do not equalize the said differences in costs of production he shall, by such investigation, ascertain said differences and determine and proclaim the changes.

"The details of investigation must be undertaken by a commission or executive officer with ample authority to ascertain the facts. How appropriate are the words of the Supreme Court of Minnesota in *State v. Railway*, supra:

"These powers often necessarily involve in a large degree the exercise of discretion and judgment even to the extent of investigating and determining the facts, and acting upon and in accordance with the facts as thus found. In fact, this must be so, if the legislature is to be permitted effectually to exercise its constitutional powers. If this was not permissible, the wheels of government would often be blocked and the sovereign state find itself hopelessly entangled in the meshes of its own constitution."

POTASH SYNDICATE ANNOUNCES PRICES

Entire Schedule Remains Unchanged With Exception of Lower Grades Which Are Advanced Due to Increased Freight Rates and Higher Cost of Bags—Discounts Given

(Special to DRUG & CHEMICAL MARKETS)

Baltimore, April 24—The German and French potash syndicate has announced its new price lists on potash for shipment from May 1 to Sept. 30 next, the figures of the two syndicates being identical. The quotations call for an advance of 25 to 50 cents on manure salt and kainit over the old list, while the differential between bagged and bulk goods on the higher-priced forms of potash has been raised from \$2 to \$3 because of the higher cost of bags, it is explained. The marking up of the lower grades is due, the German statement says, to an advance in freight rates, which falls more heavily on low-grade stocks than on those of high grade. The new quotations, given out by the German syndicate, are as follows:

	Bags	Bulk
Muriate of potash 80-85% basis 80% ..	\$34.90	\$33.65
Sulfate of potash 90-95% basis 90% ..	45.85	44.60
Sulfate of potash-magnesia 48-53% basis 48% ..	26.35	25.10
Manure salt 30% basis 30% ..	21.00	18.00
Manure salt 20% ..	14.85	11.85
Kainit 14% ..	11.75	8.75
Kainit 12.4% ..	11.25	8.25

These prices are per ton of 2,000 pounds net weight c. i. f. customary Atlantic and Gulf ports.

Discounts will be allowed on the total amount of foreign mineral potash salts imported by purchasers between May 1, 1926, and April 30, 1927, as follows: 5% on minimum quantity of 50 tons K_2O of 2,000 lbs. each; 6% on minimum quantity of 100 tons of K_2O of 2,000 lbs. each; 7% on minimum quantity of 300 tons K_2O of 2,000 lbs. each; 10% on minimum quantity of 500 tons of K_2O of 2,000 lbs. each.

A further discount on the net prices (gross prices, less quantity discount) will be allowed for early shipment as follows: 4% off net prices on orders received on or before May 15 for shipment May-June, 1926; 2% off net prices on orders received on or before July 1, for shipment July-August, 1926. No discount on net prices on orders received on or before August 15 for September shipment. These summer prices will be deducted from invoices.

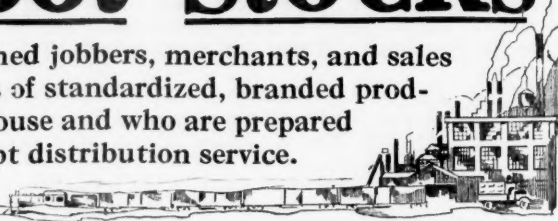
As an additional inducement to buyers to place orders for May to September shipment such additional rebate will be allowed on any grade of potash salt shipped from May to September, 1926 inclusively as will give a differential in price of at least 3% less than the average monthly price of the corresponding grade of potash salt shipped from October, 1926, to April, 1927, inclusively. The above average differential is to be based on the average list price less quantity discount during the two periods May to September and October to April. The rebate is to be computed separately on each grade of potash salt. Any average differential rebate due buyers is to be paid not later than May 31, 1927.

On material ordered for delivery ex-store there will be an extra charge of \$1.50 per ton of 2,000 pounds gross weight, which charge is net, and not subject to any discounts or rebates. This additional charge will provide delivery f. o. b. cars place of shipment.

Settlement is to be made net cash in New York funds, or by four months' bank acceptance bearing interest at 6% per annum, in exchange for documents, on foreign invoice weights, tares and analyses of bagged goods; and on foreign analyses, but American weights of bulk goods.

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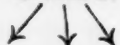
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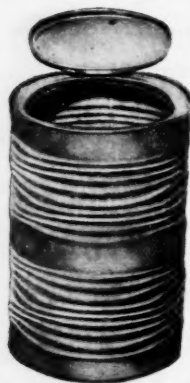
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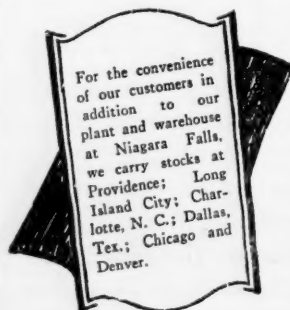
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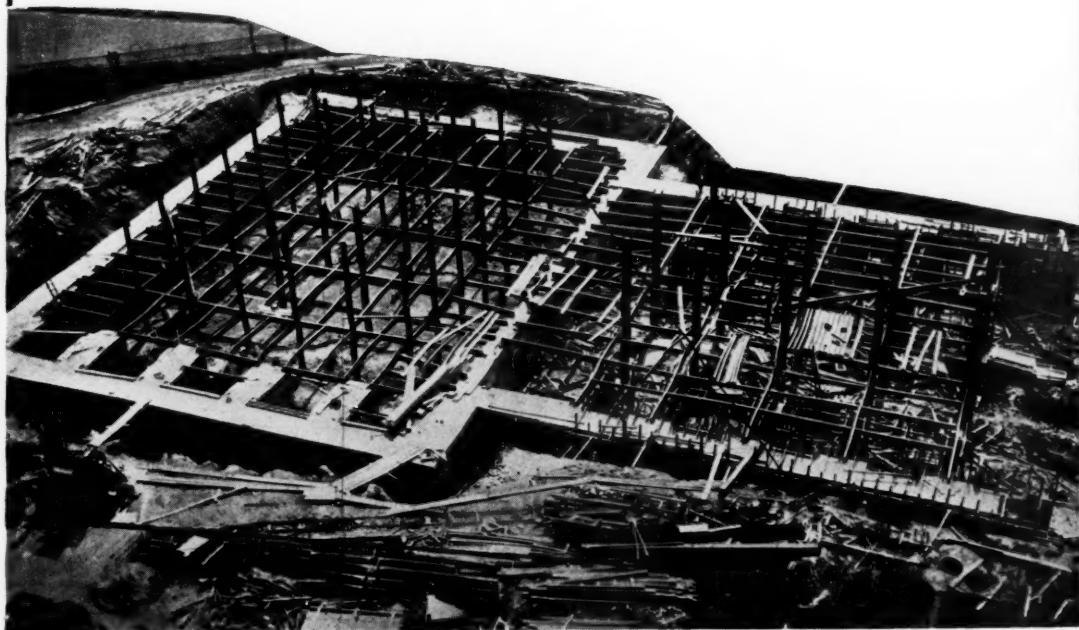
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